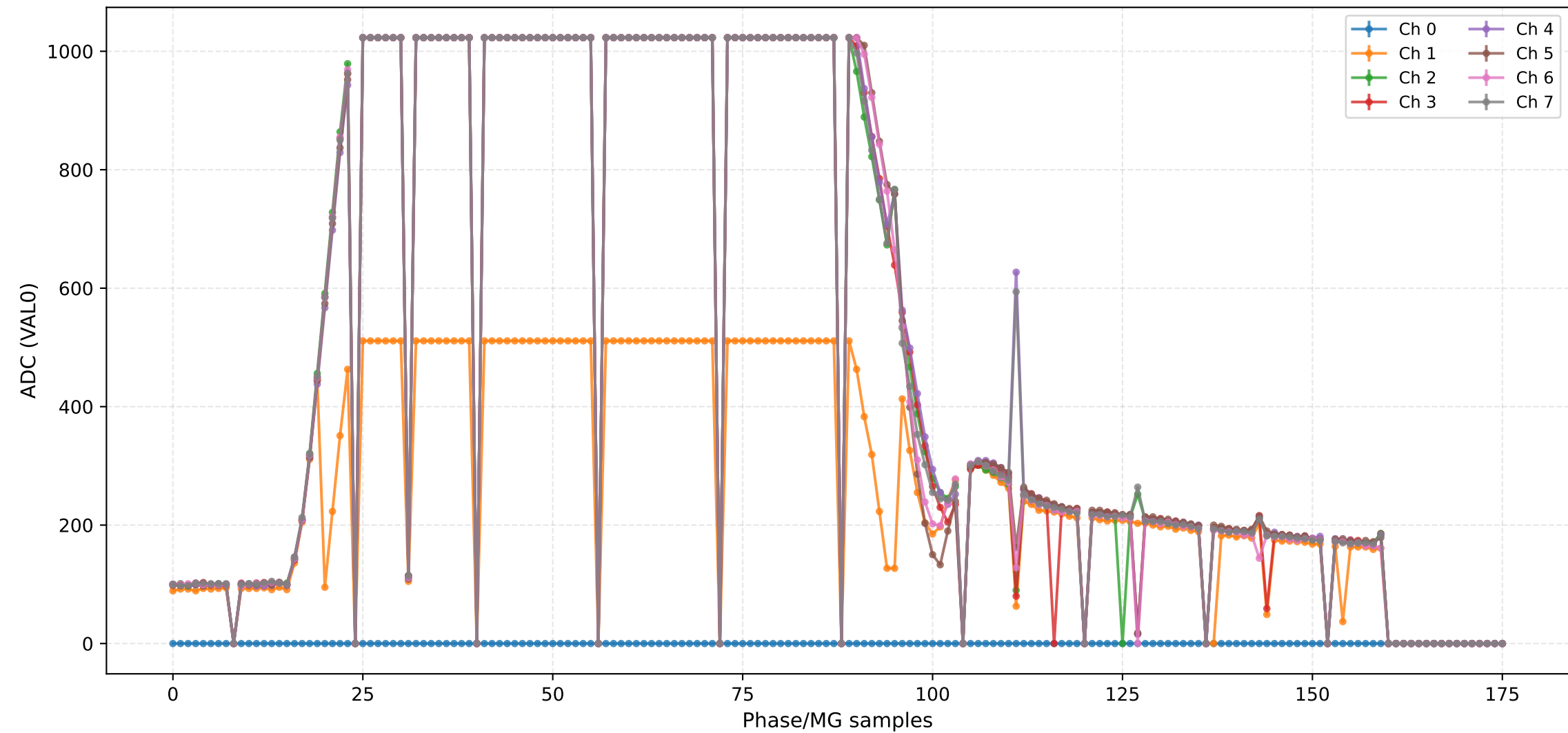
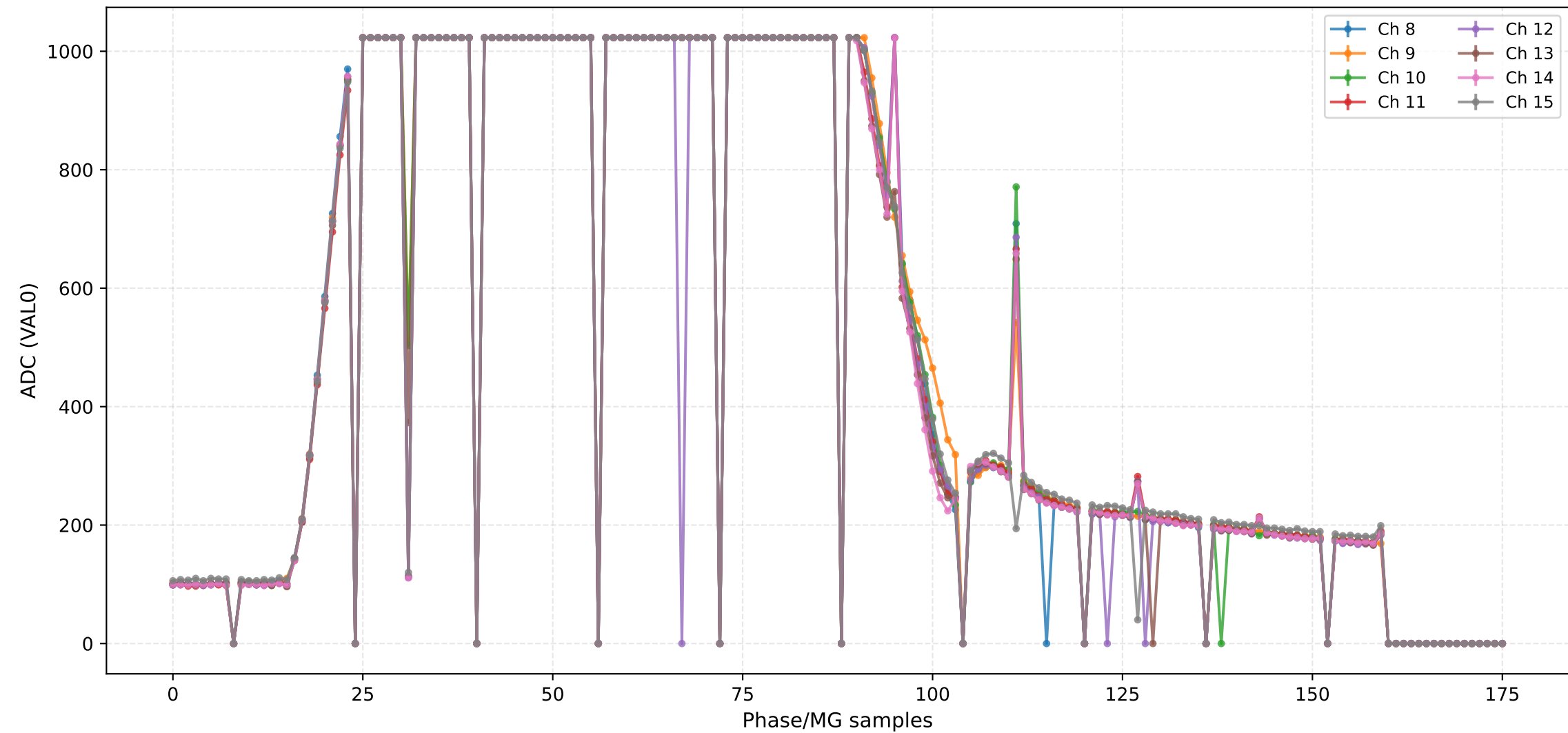


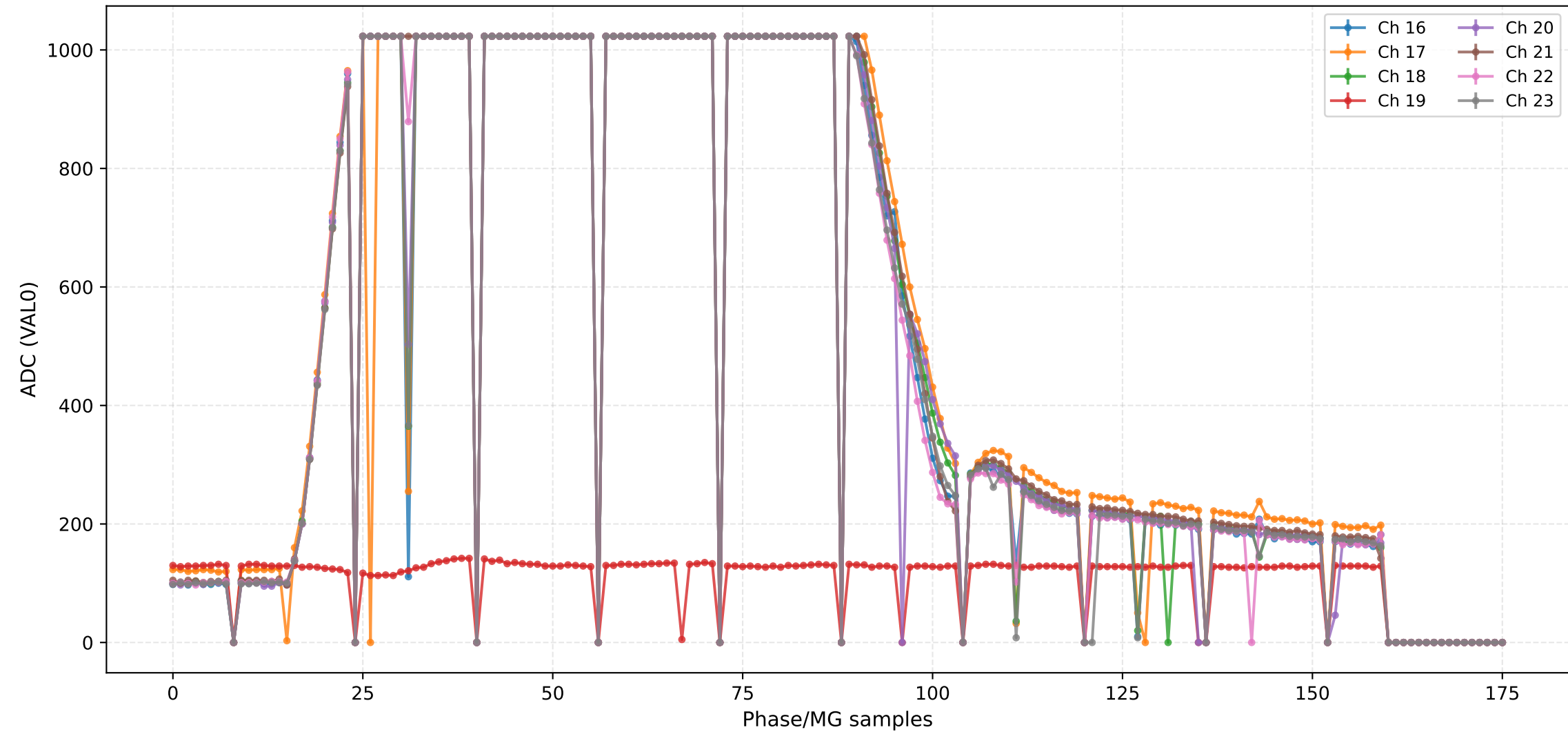
ADC (VAL0) - Channels 0 to 7



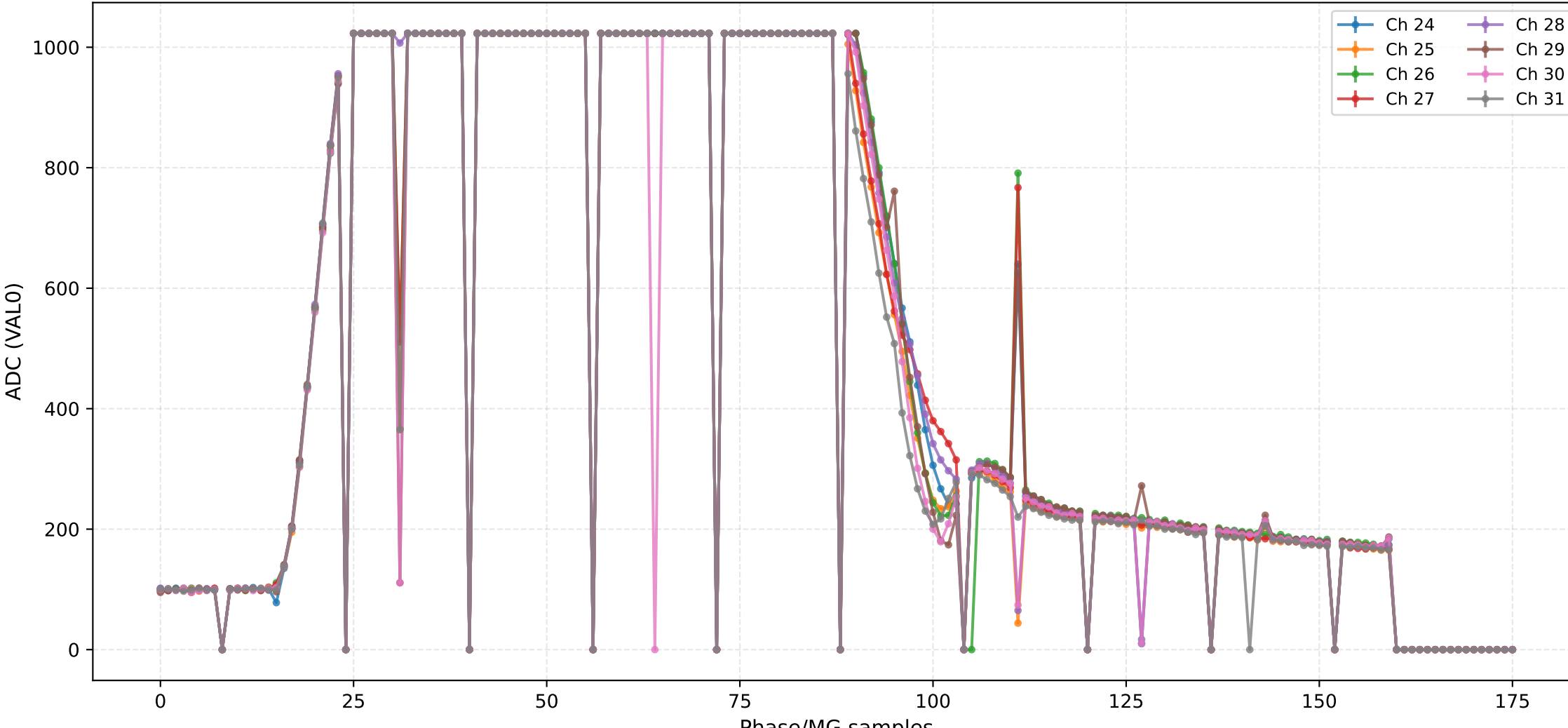
ADC (VAL0) - Channels 8 to 15



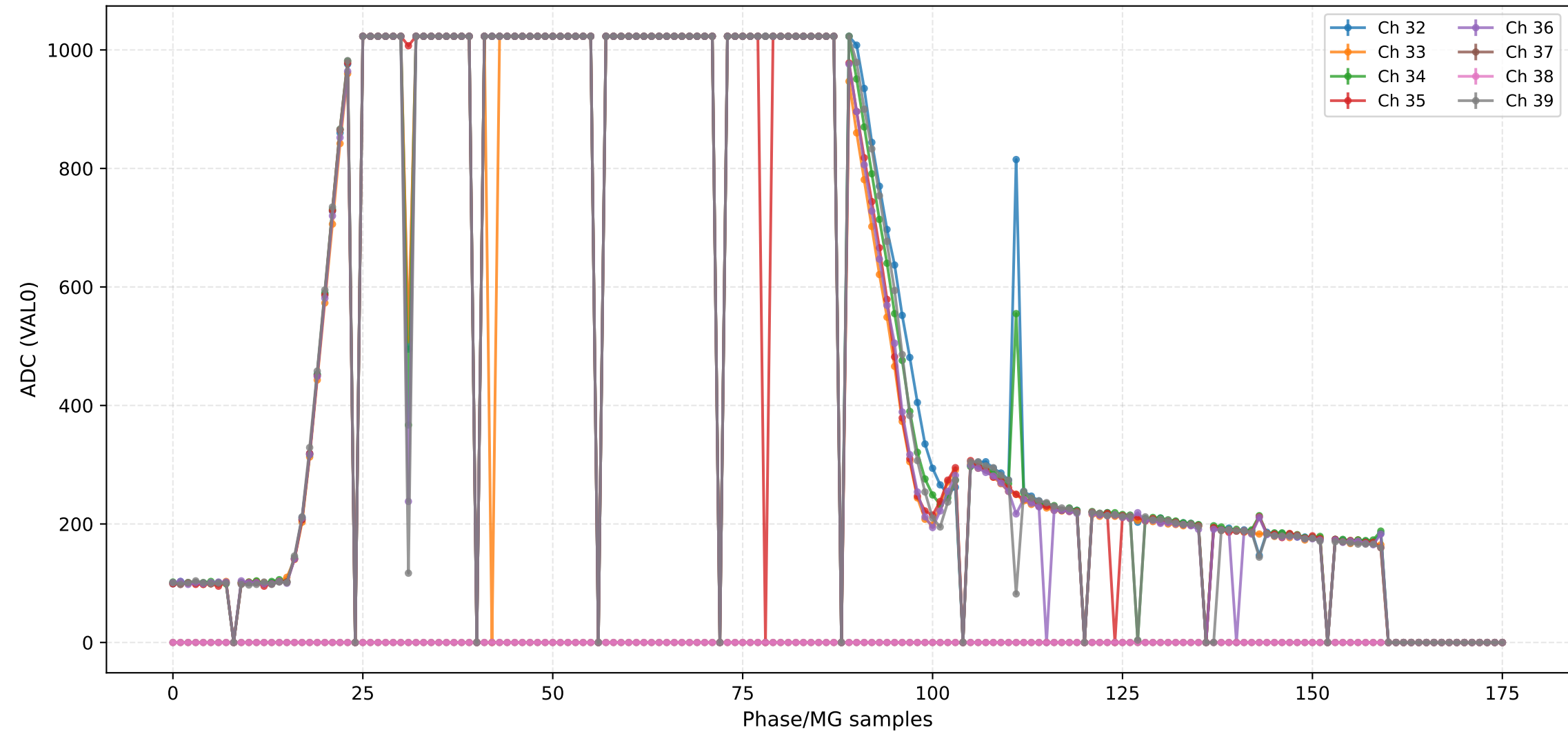
ADC (VAL0) - Channels 16 to 23



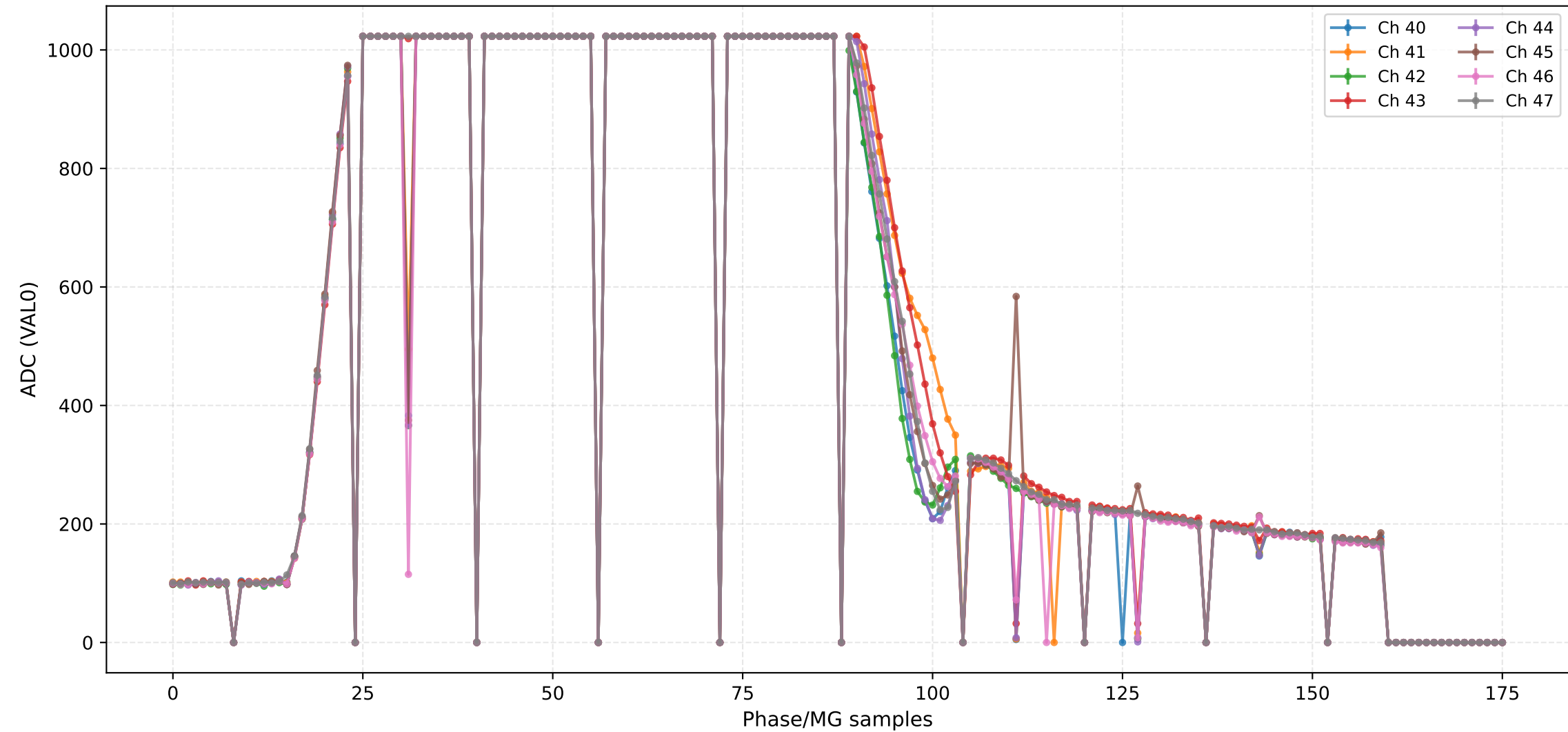
ADC (VAL0) - Channels 24 to 31



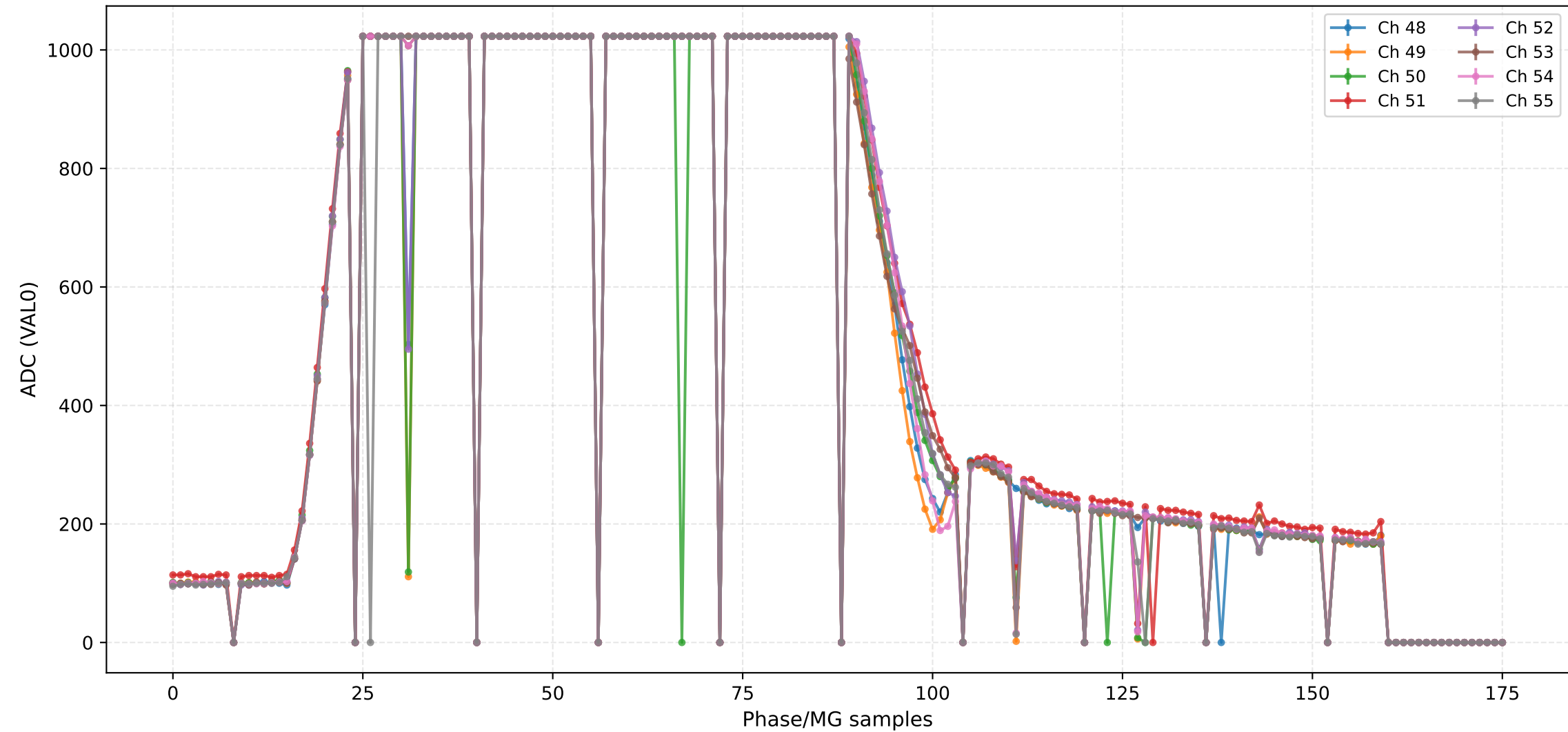
ADC (VAL0) - Channels 32 to 39



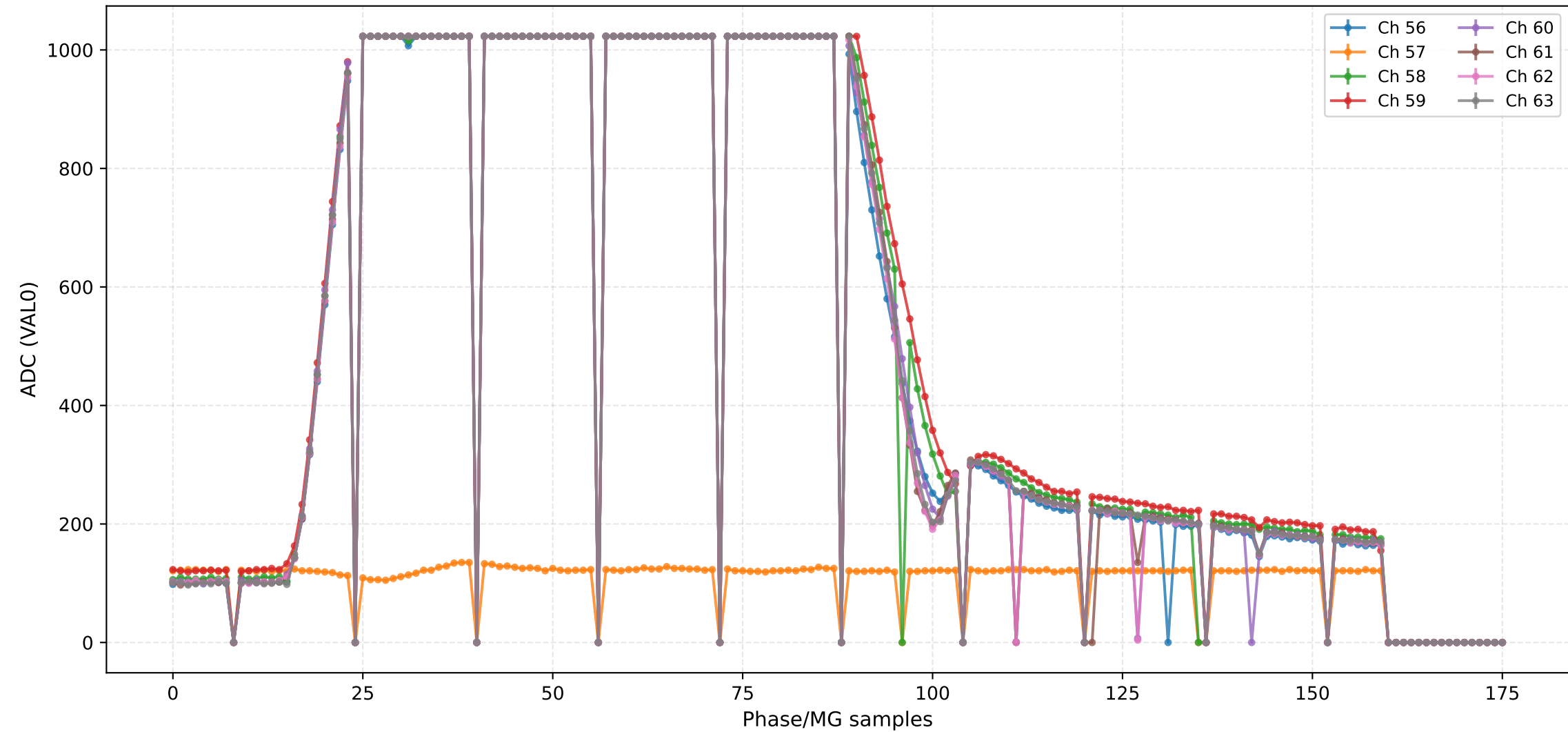
ADC (VAL0) - Channels 40 to 47



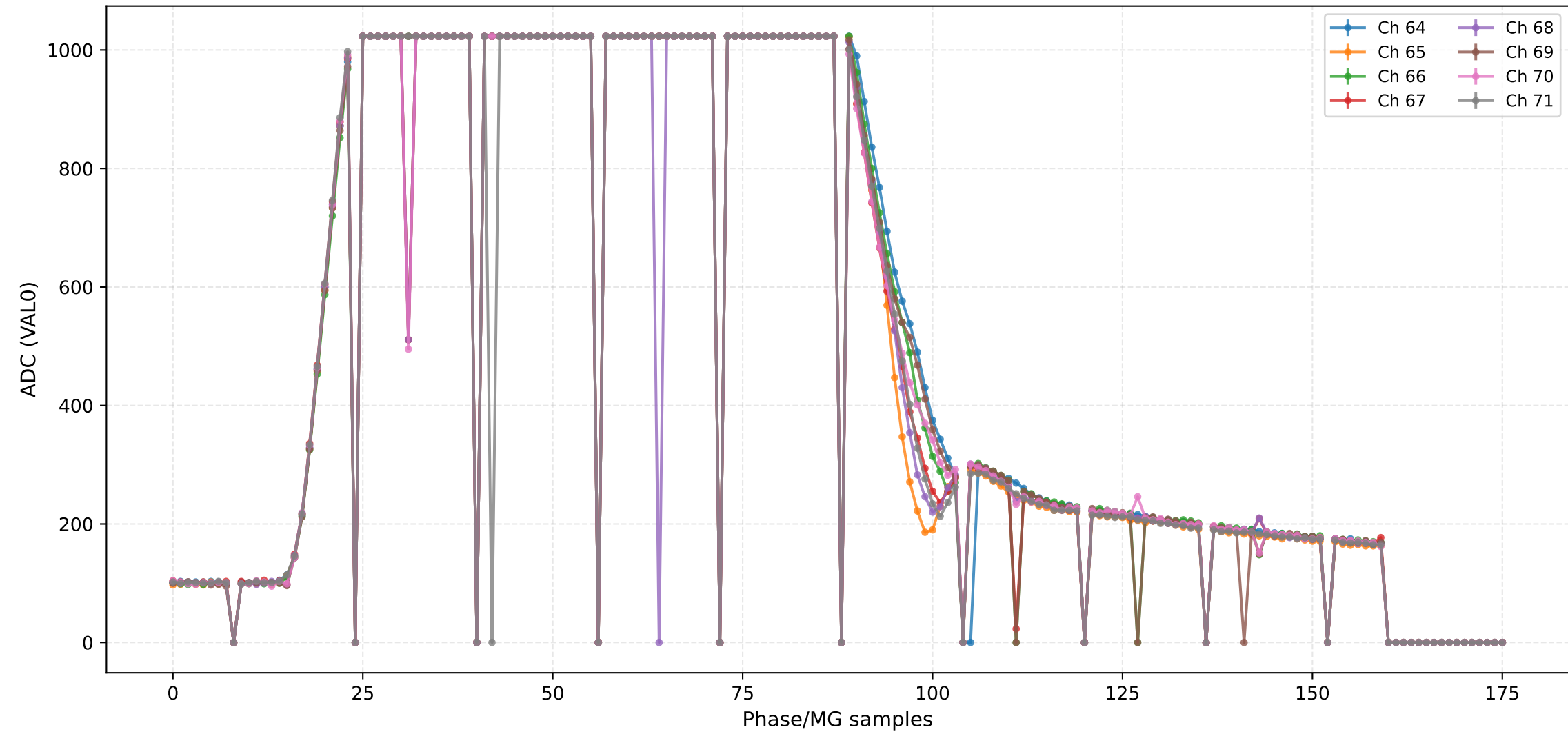
ADC (VAL0) - Channels 48 to 55



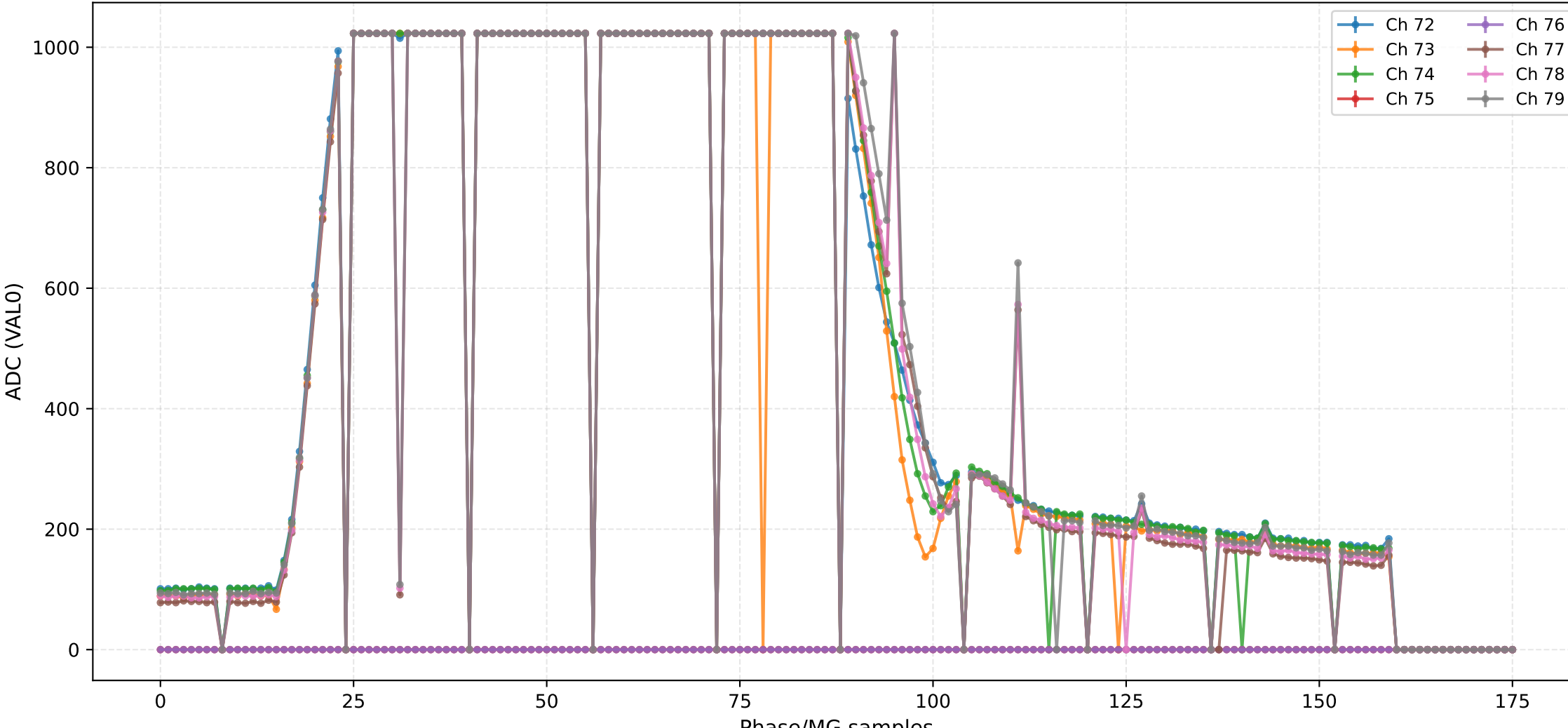
ADC (VAL0) - Channels 56 to 63



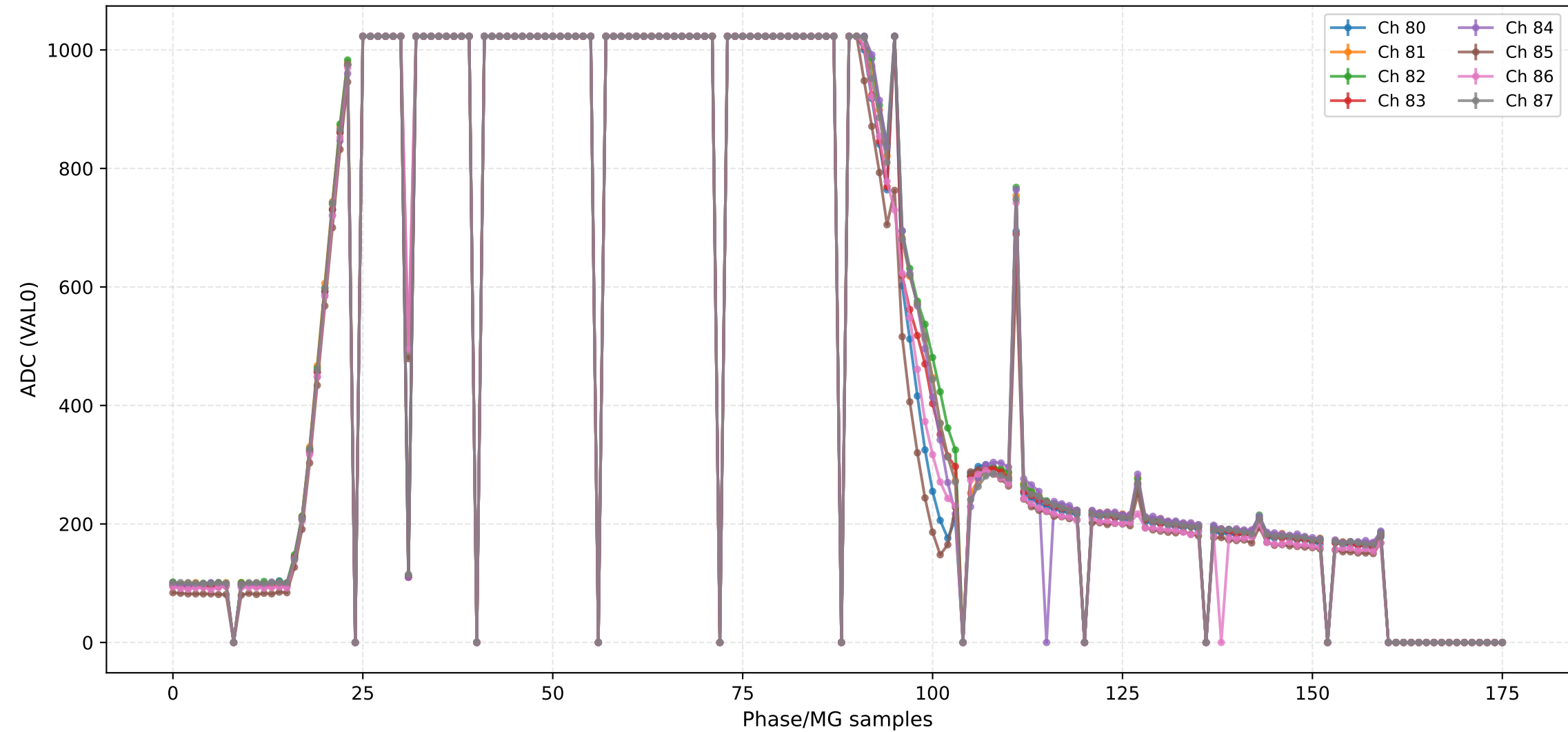
ADC (VAL0) - Channels 64 to 71



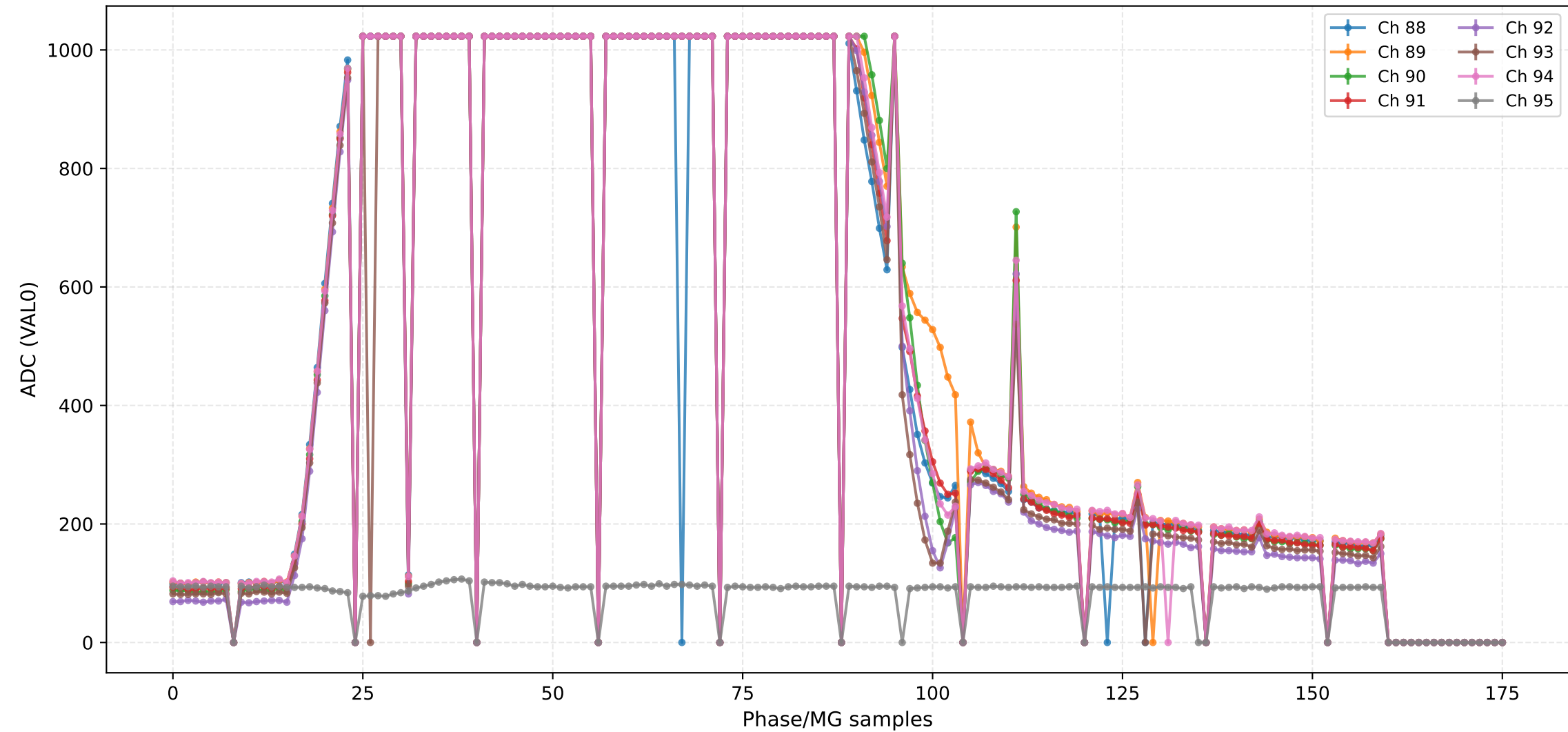
ADC (VAL0) - Channels 72 to 79



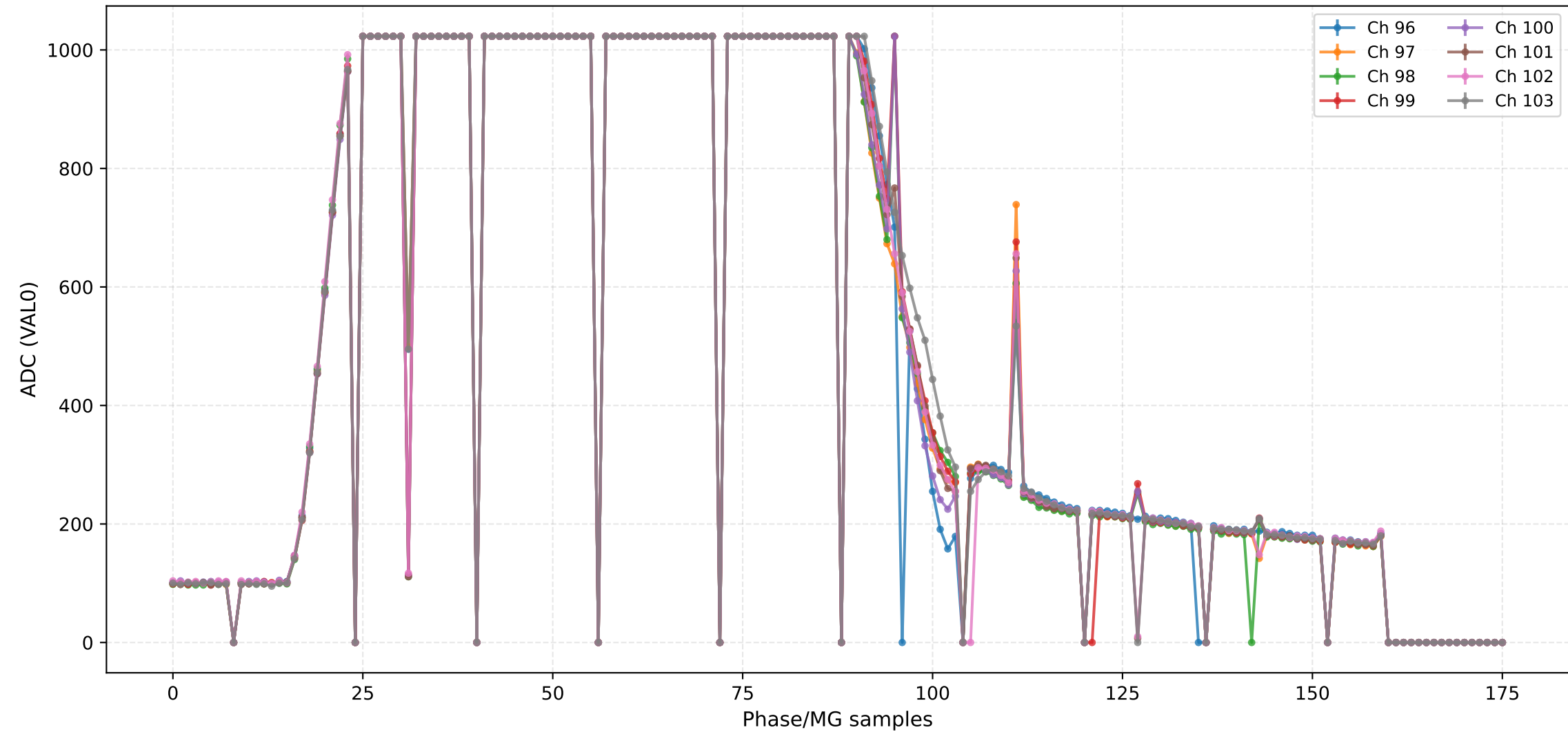
ADC (VAL0) - Channels 80 to 87



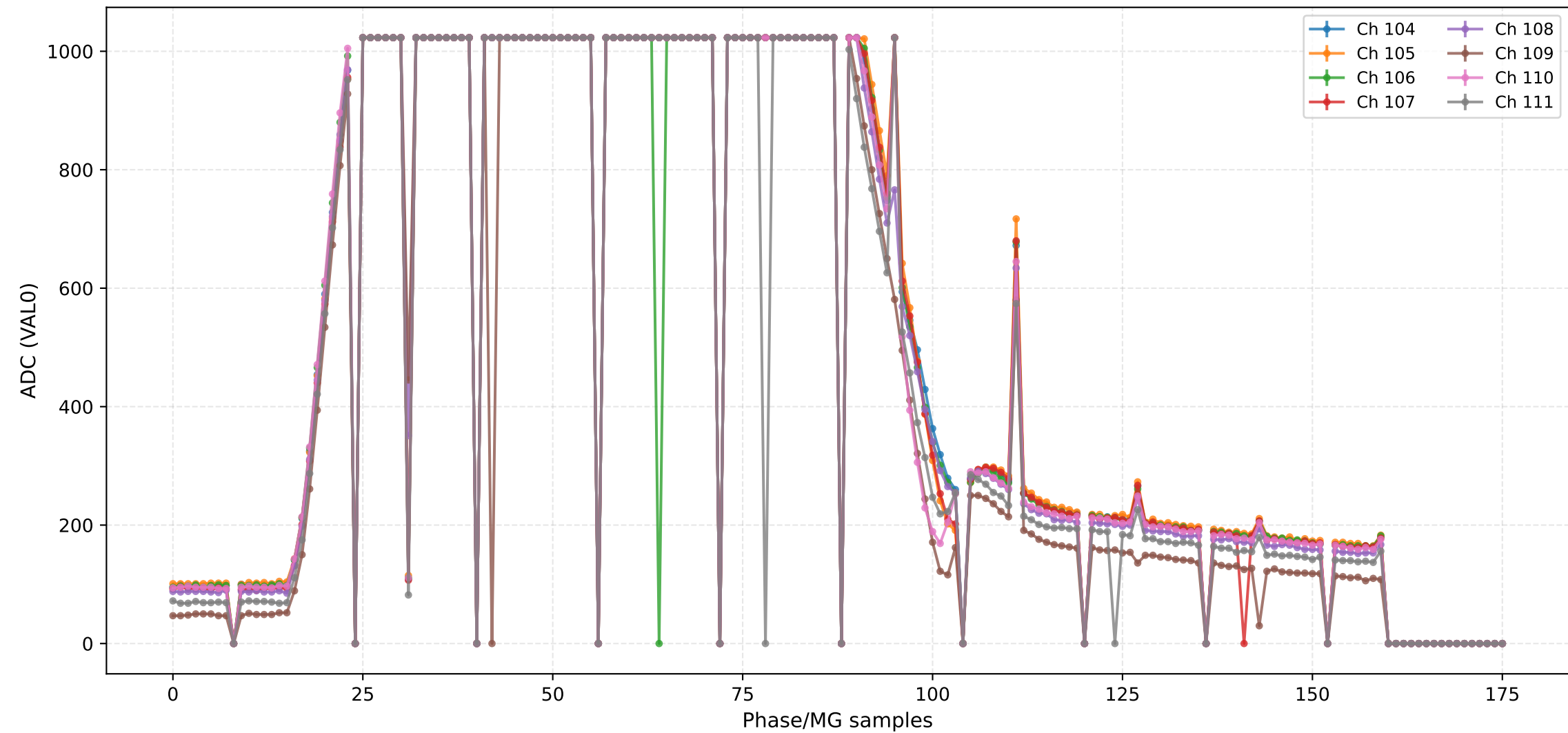
ADC (VAL0) - Channels 88 to 95



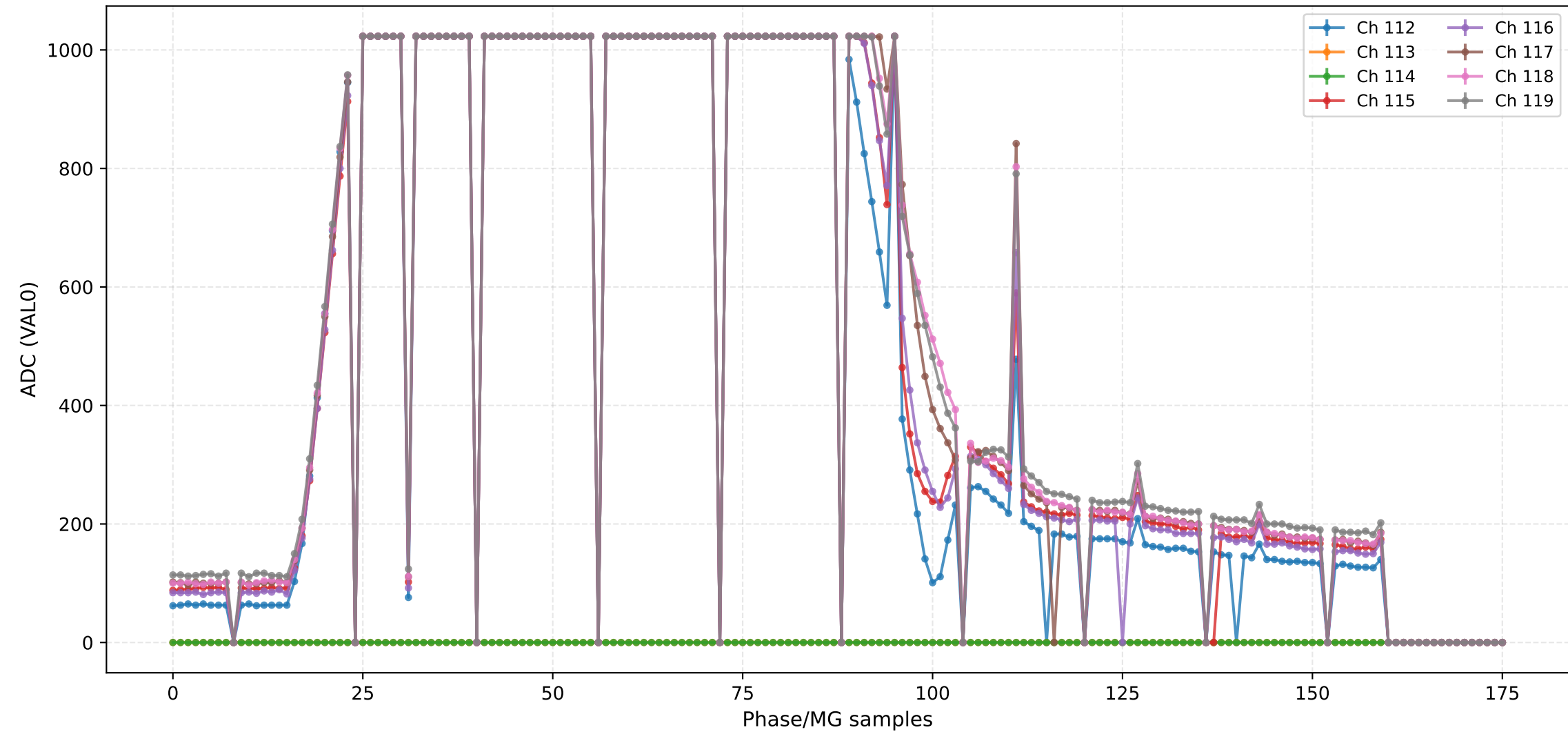
ADC (VAL0) - Channels 96 to 103



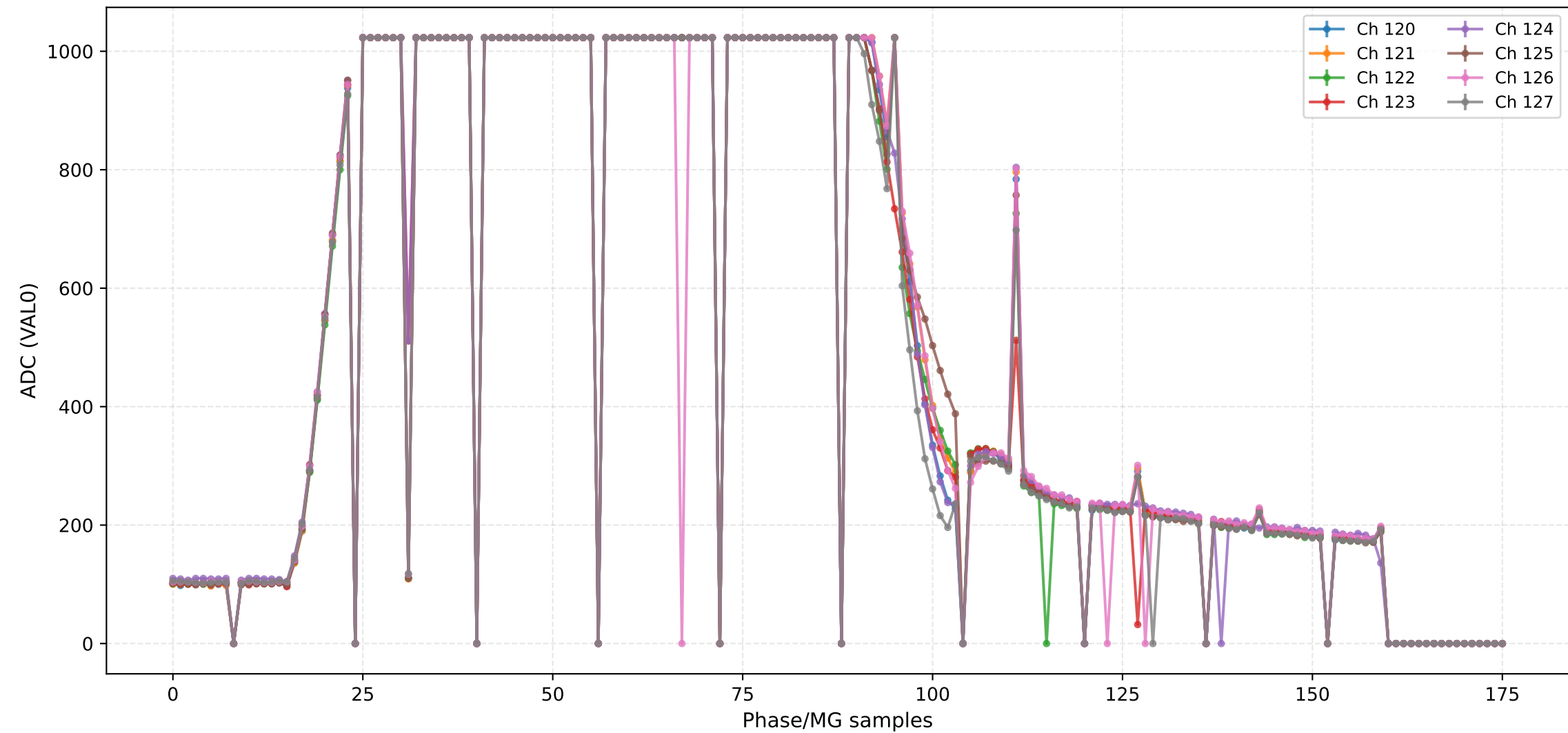
ADC (VAL0) - Channels 104 to 111



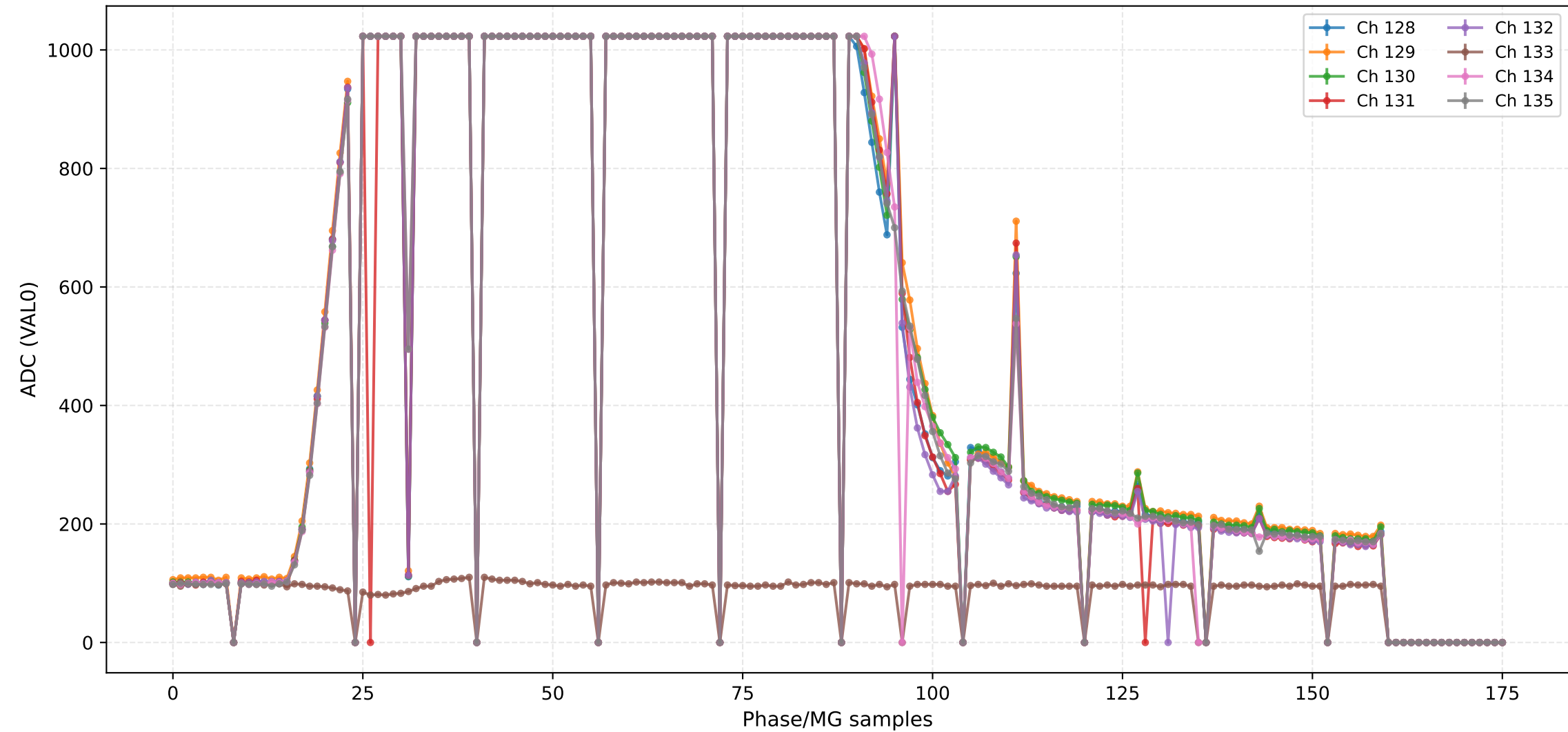
ADC (VAL0) - Channels 112 to 119



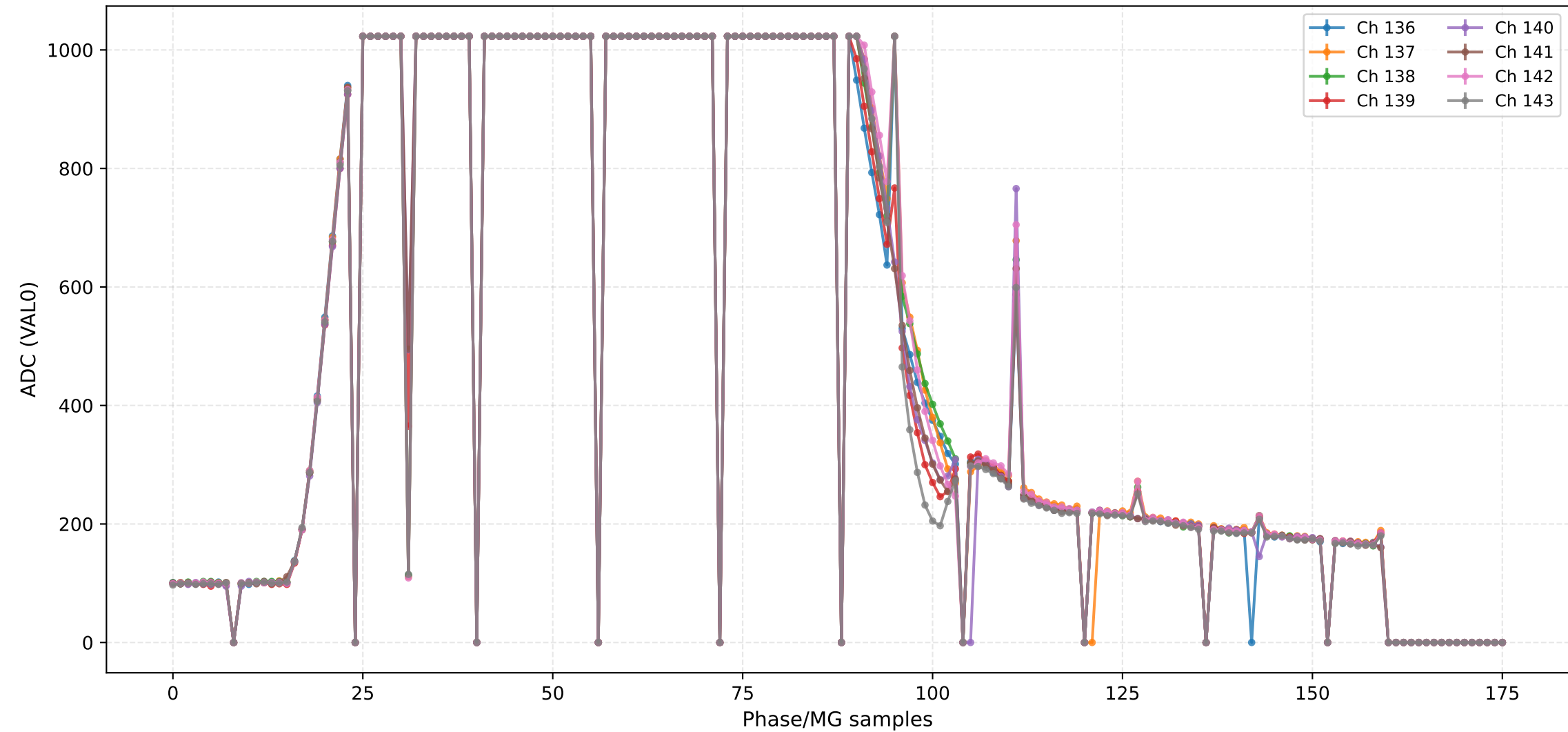
ADC (VAL0) - Channels 120 to 127



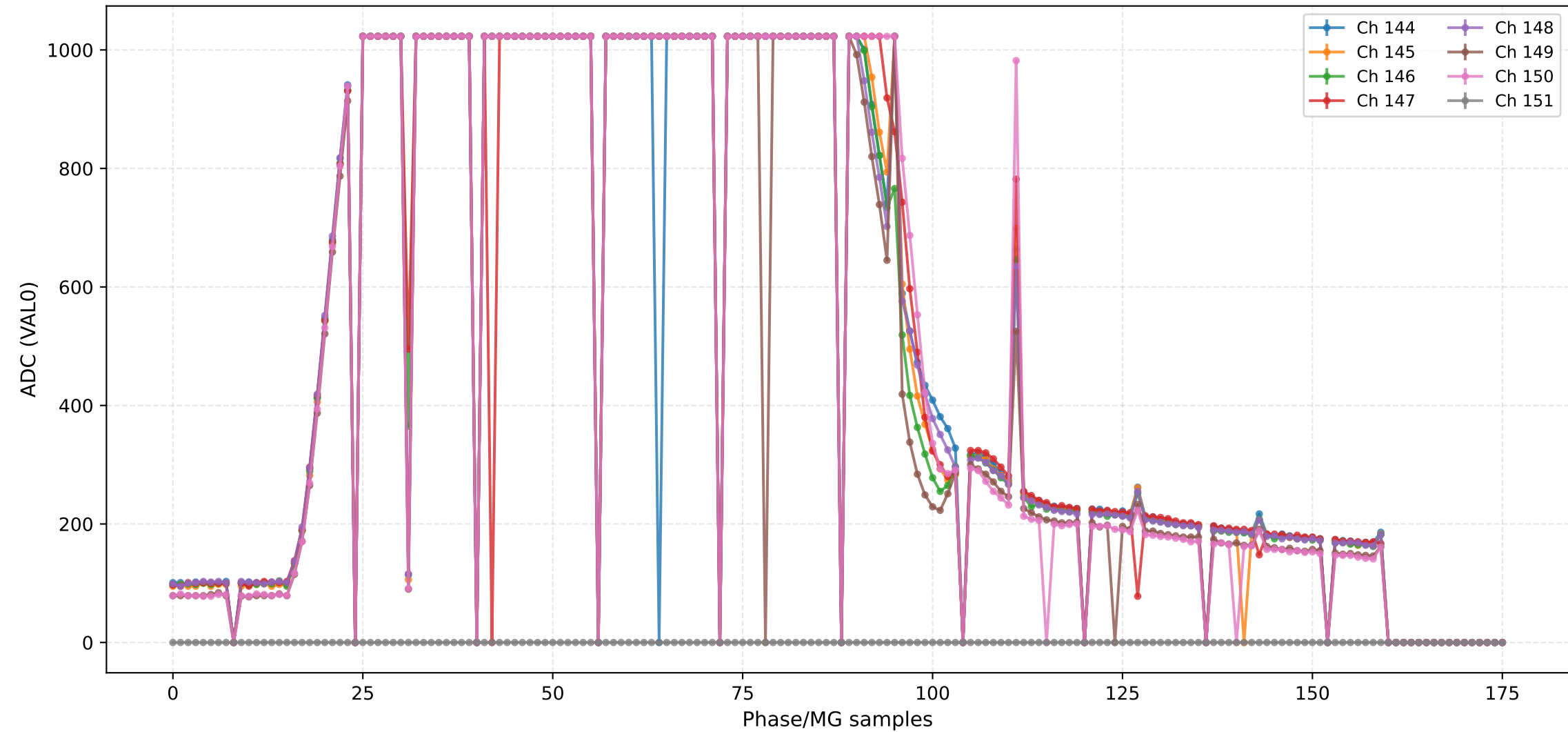
ADC (VAL0) - Channels 128 to 135



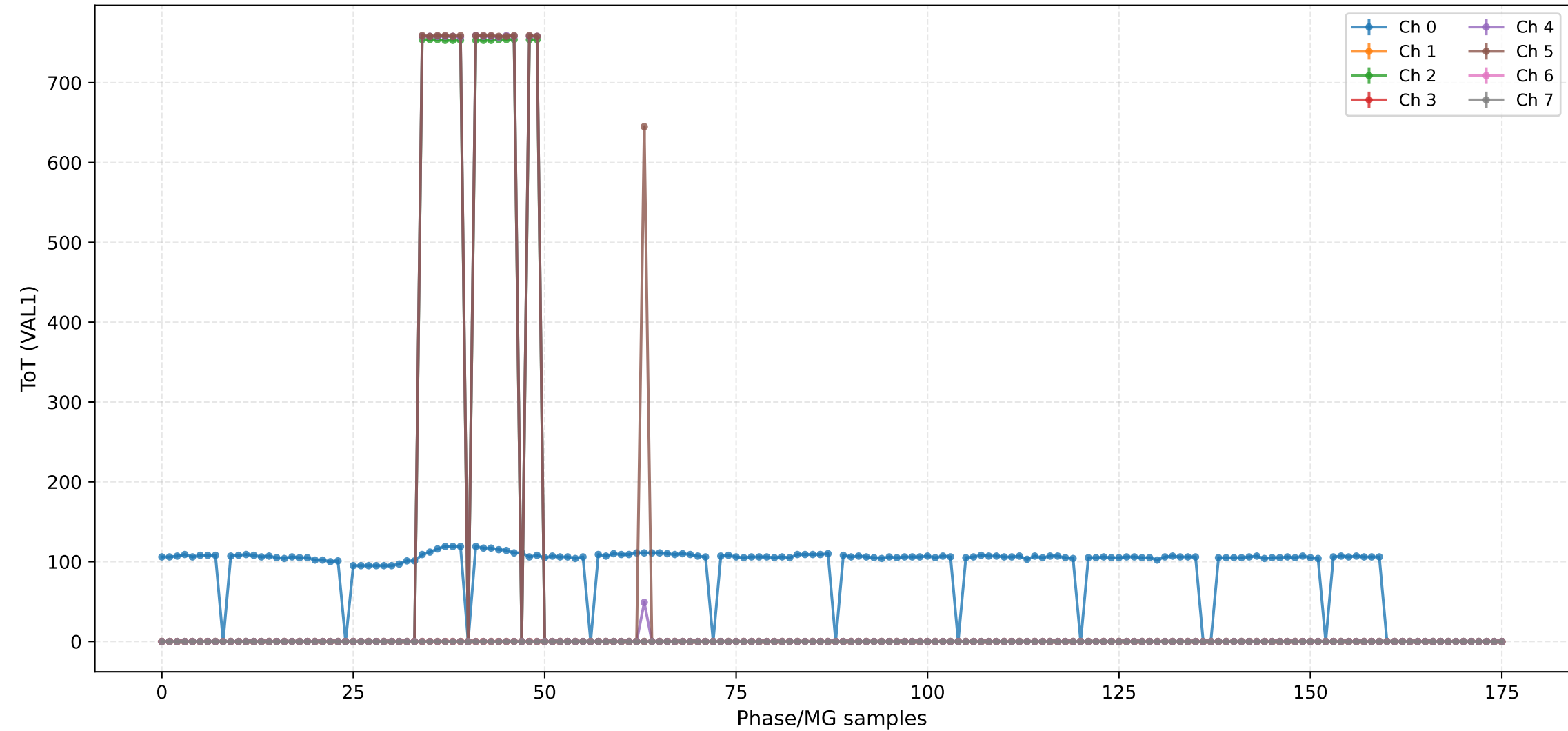
ADC (VAL0) - Channels 136 to 143



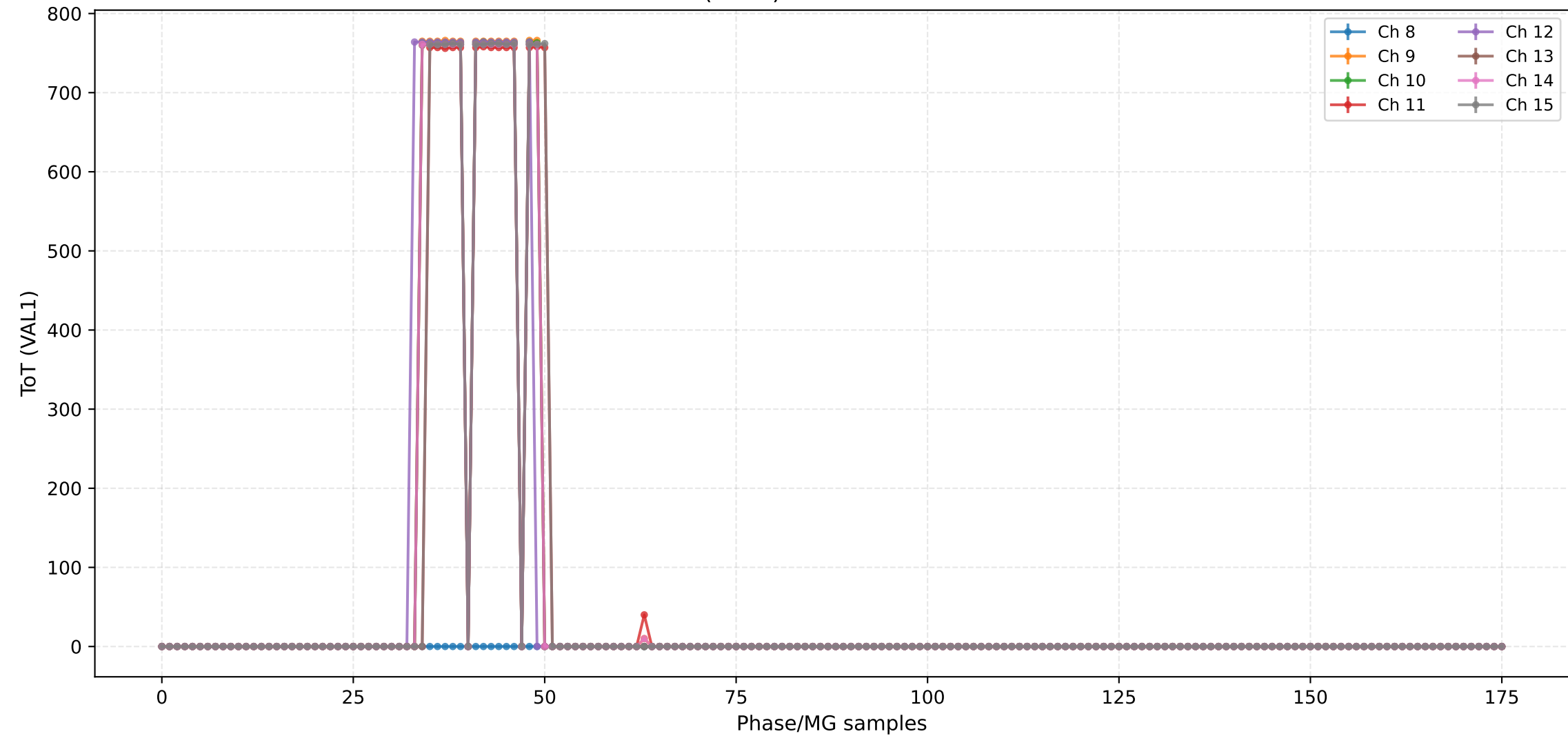
ADC (VAL0) - Channels 144 to 151



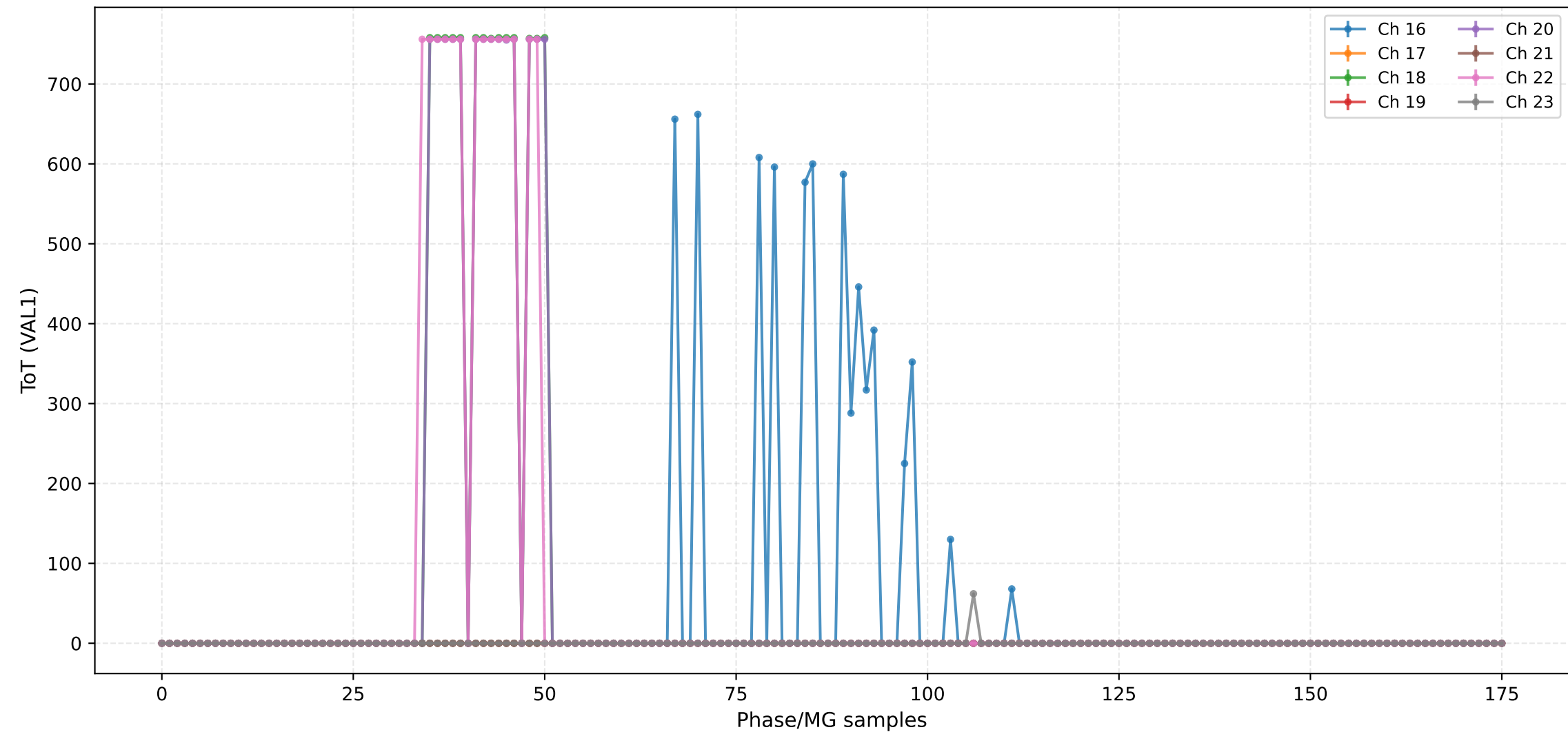
ToT (VAL1) - Channels 0 to 7



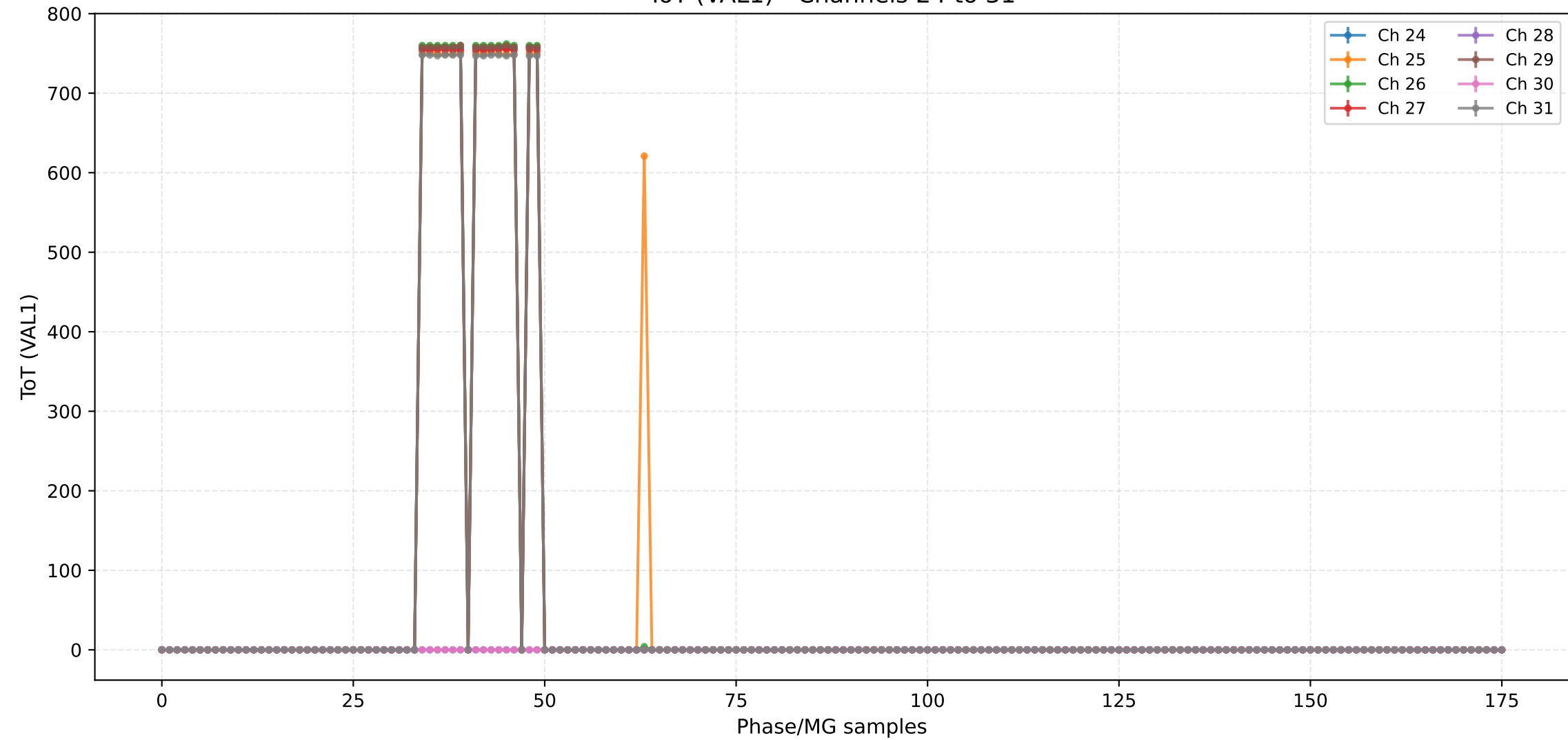
ToT (VAL1) - Channels 8 to 15



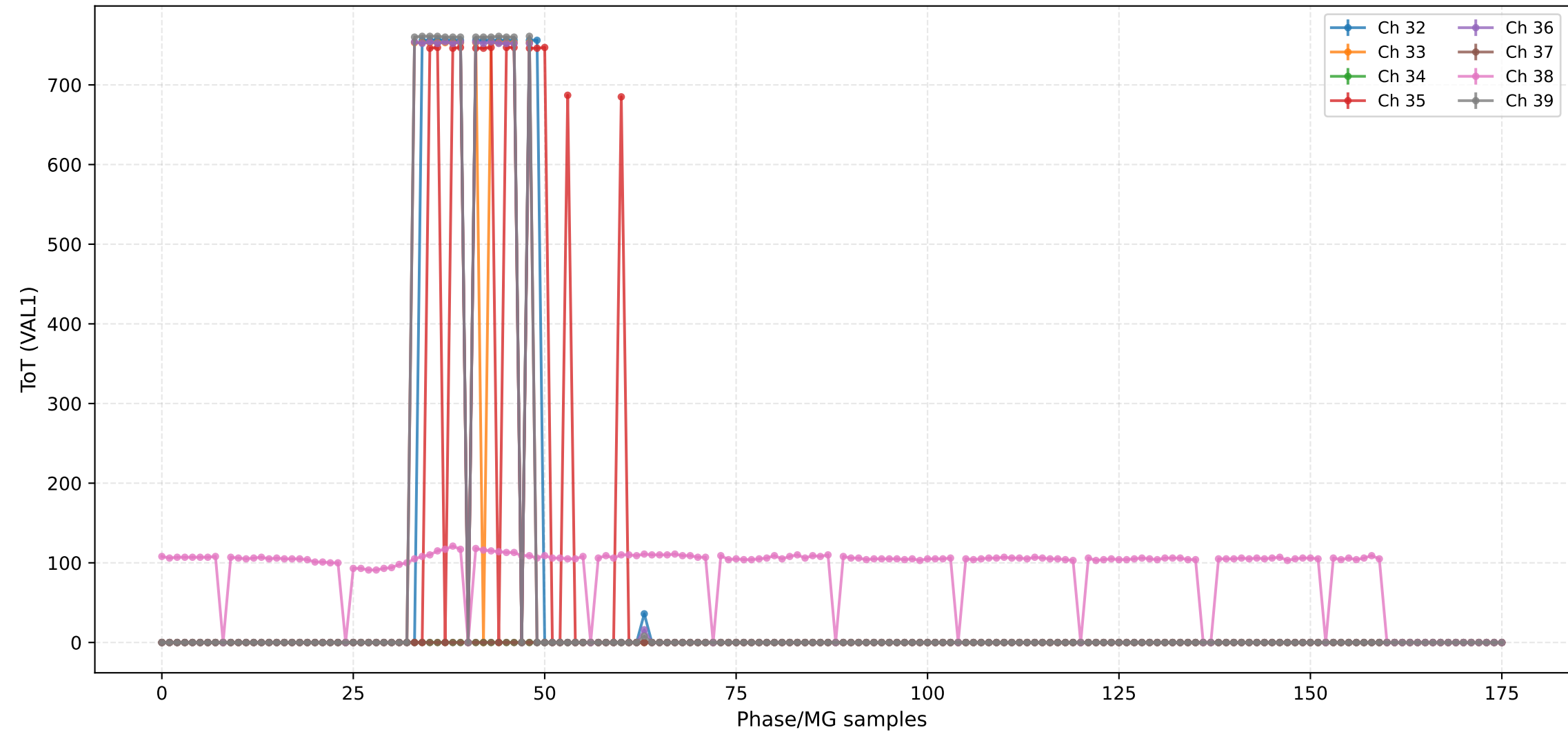
ToT (VAL1) - Channels 16 to 23



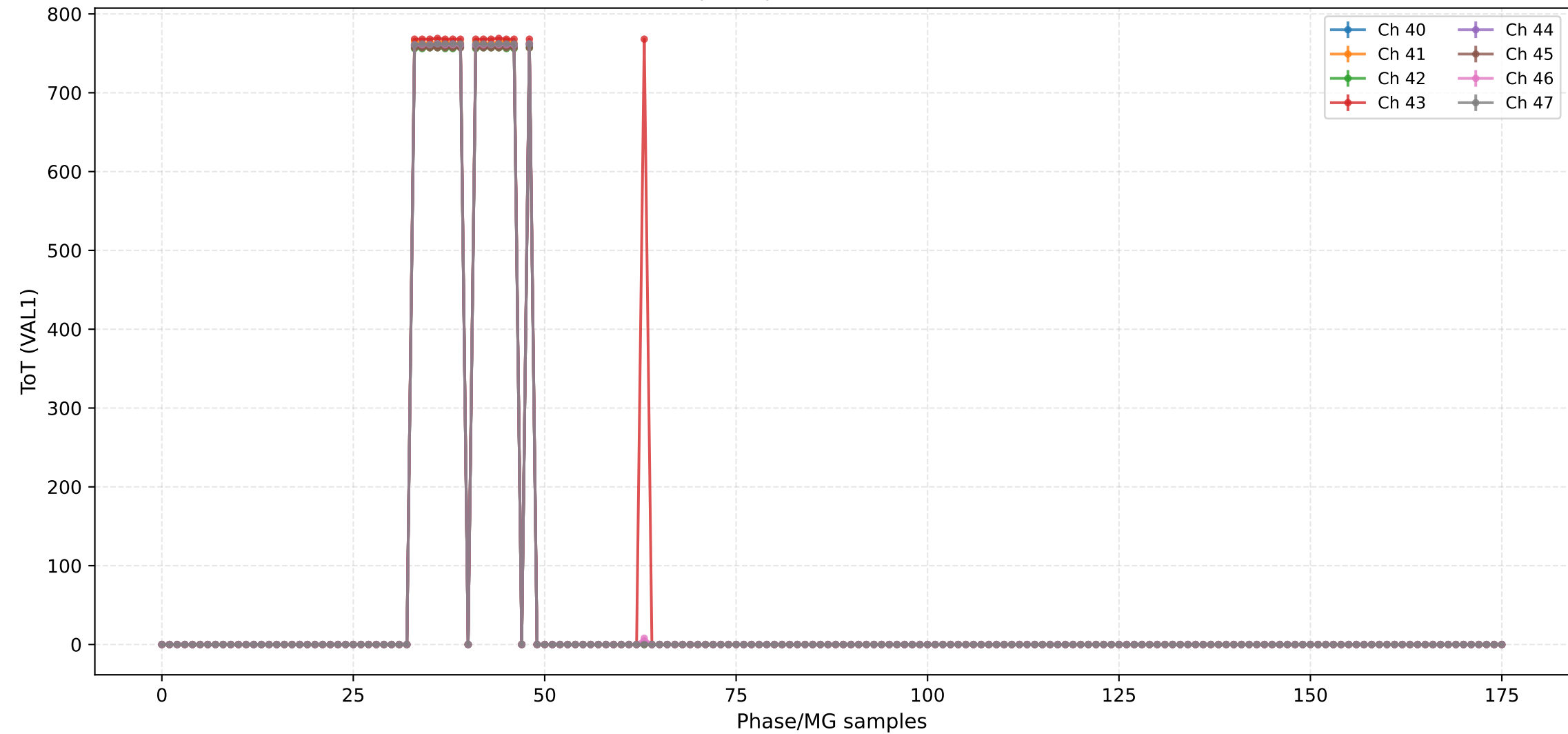
ToT (VAL1) - Channels 24 to 31



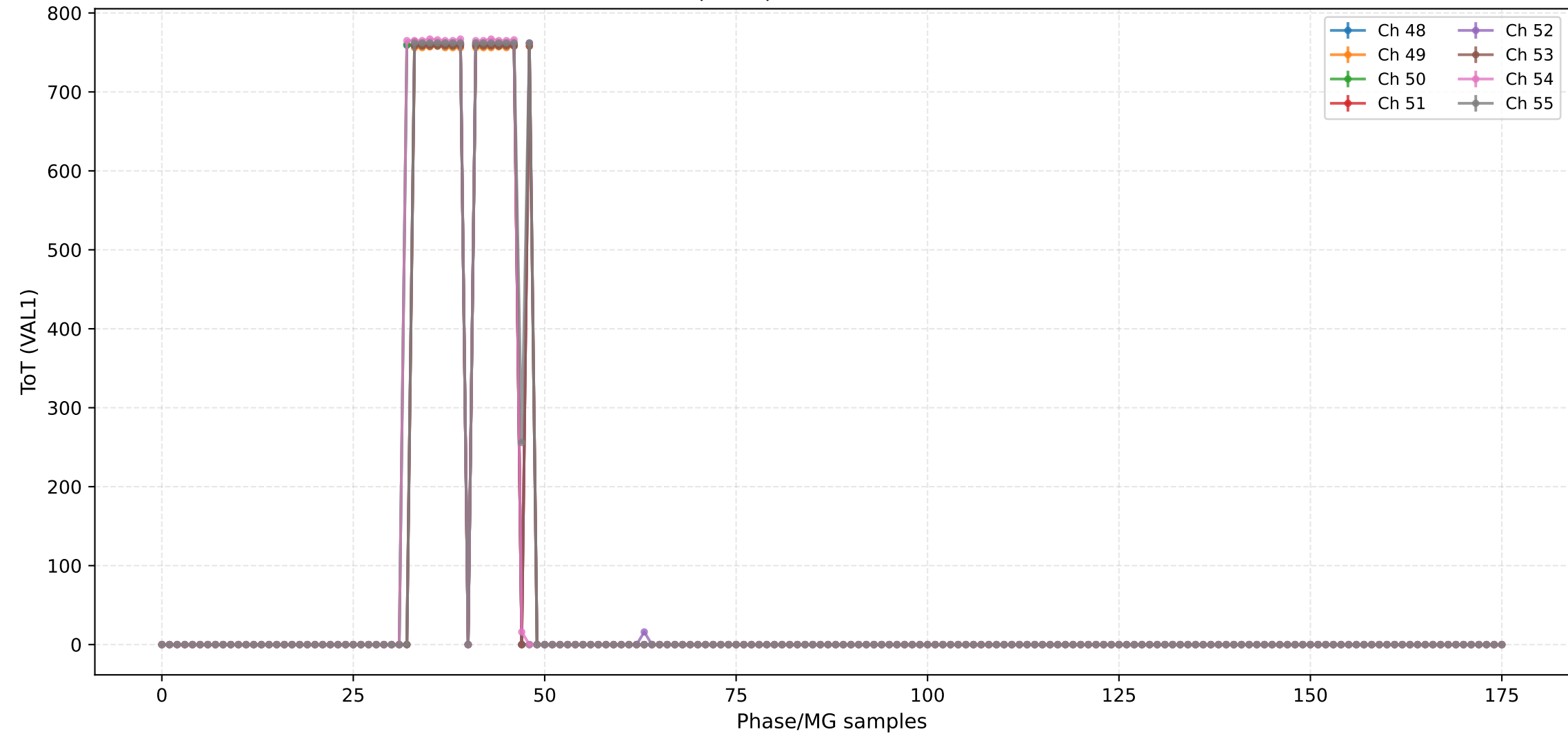
ToT (VAL1) - Channels 32 to 39



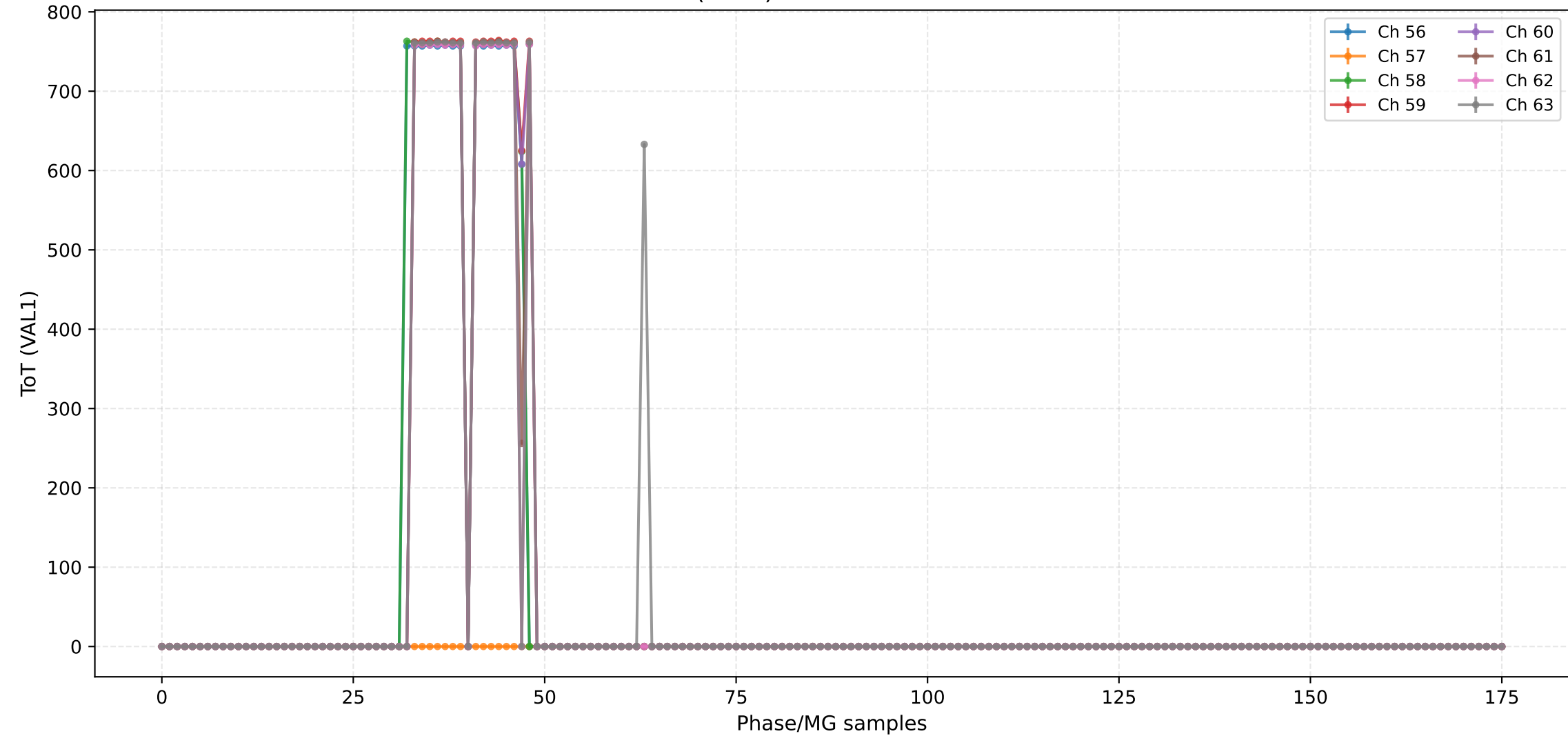
ToT (VAL1) - Channels 40 to 47



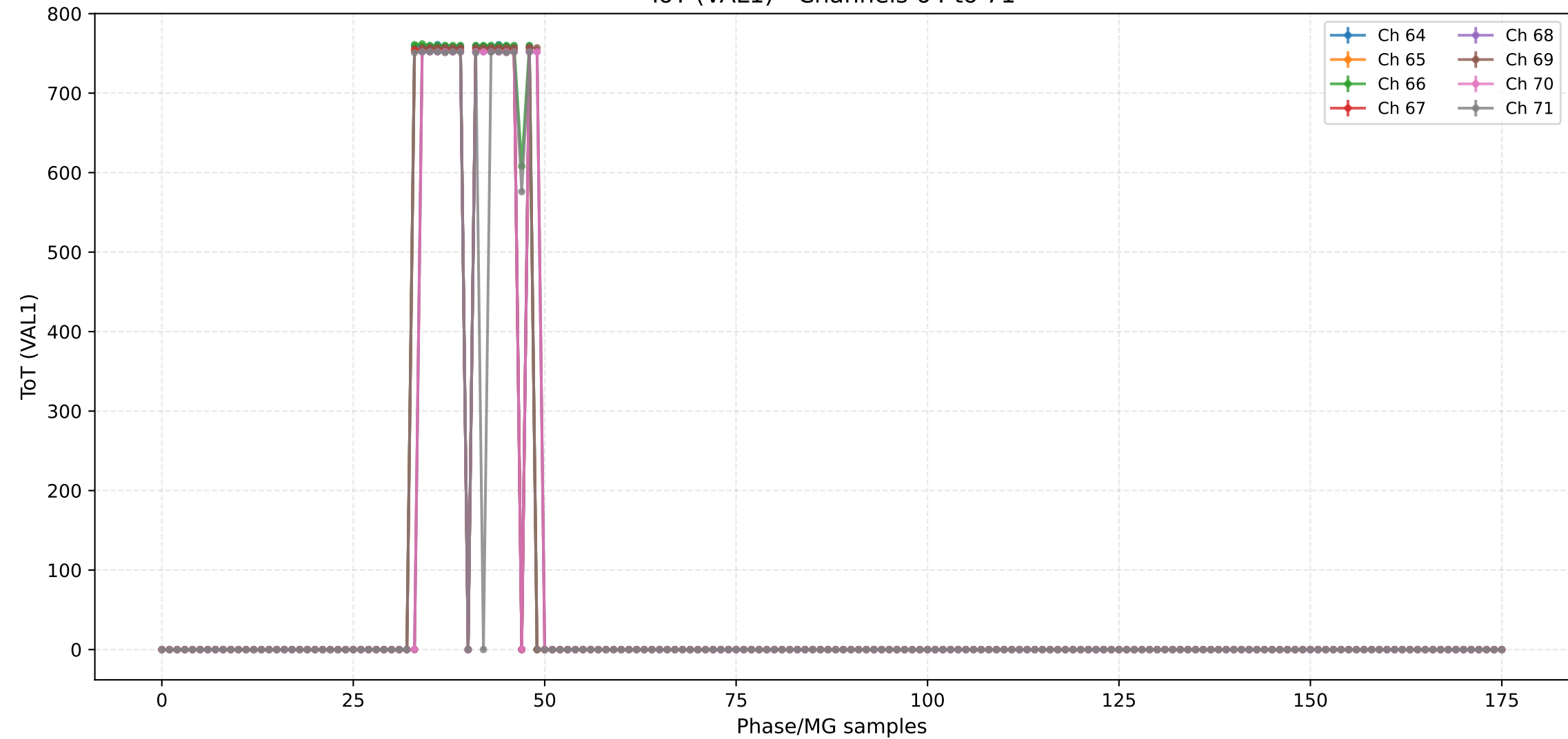
ToT (VAL1) - Channels 48 to 55



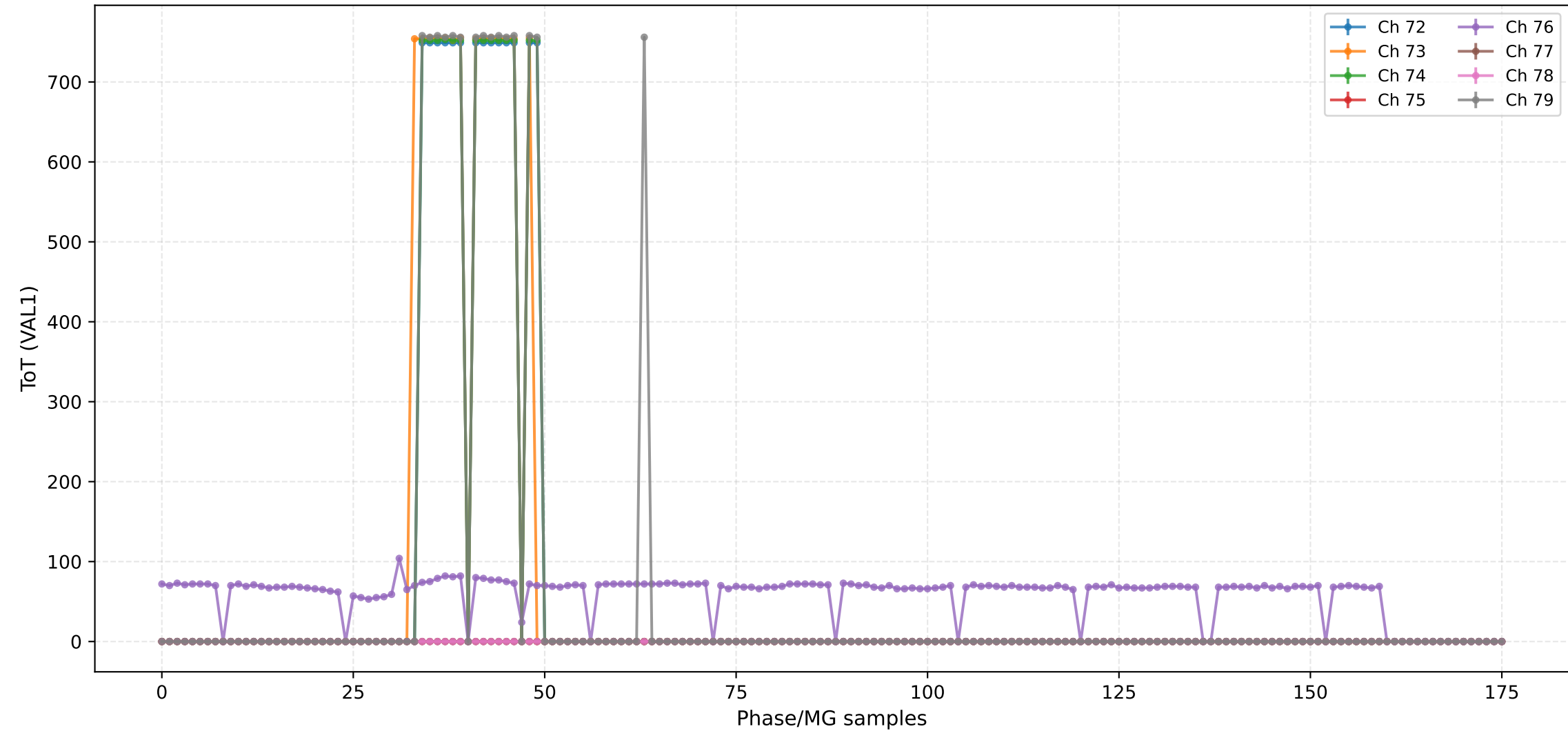
ToT (VAL1) - Channels 56 to 63



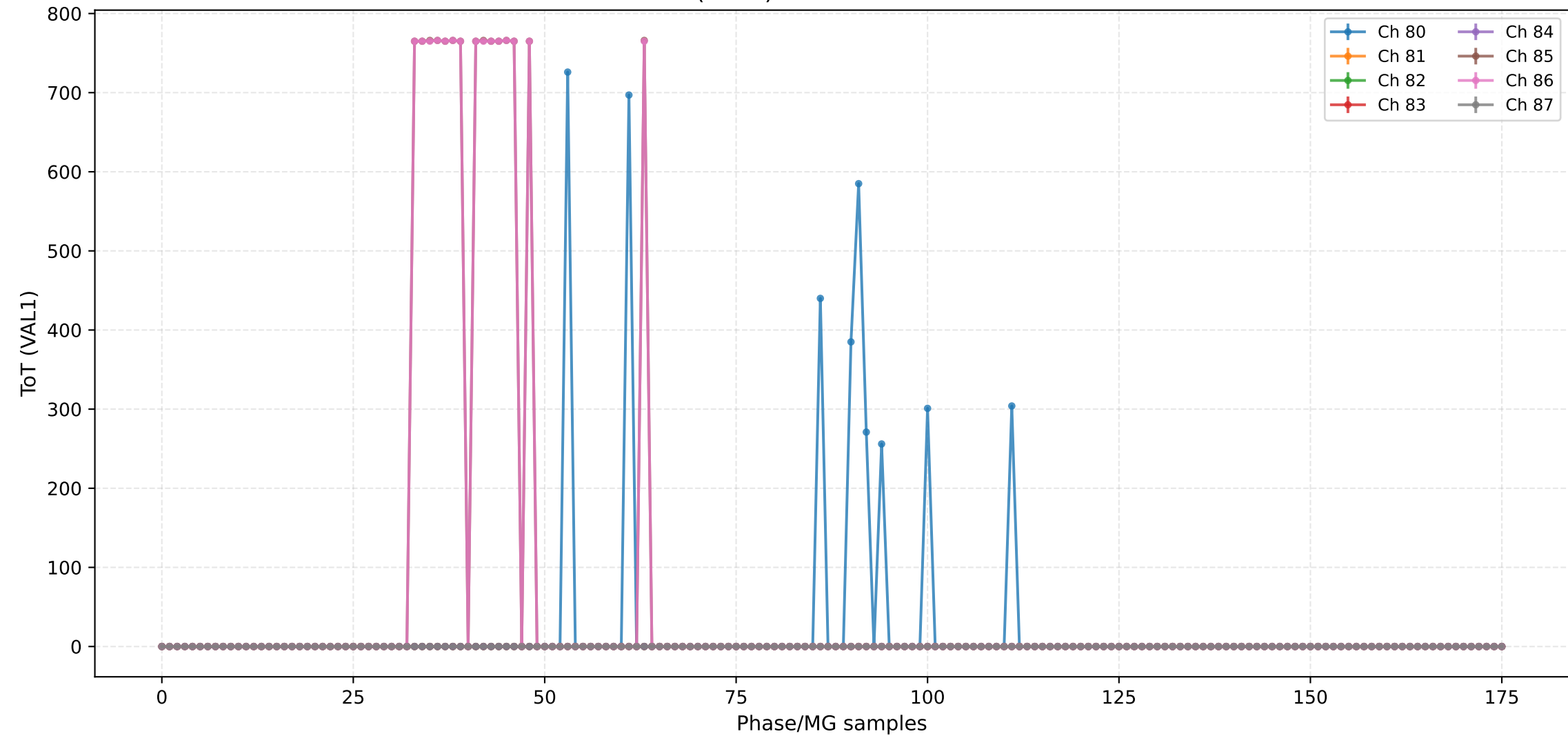
ToT (VAL1) - Channels 64 to 71



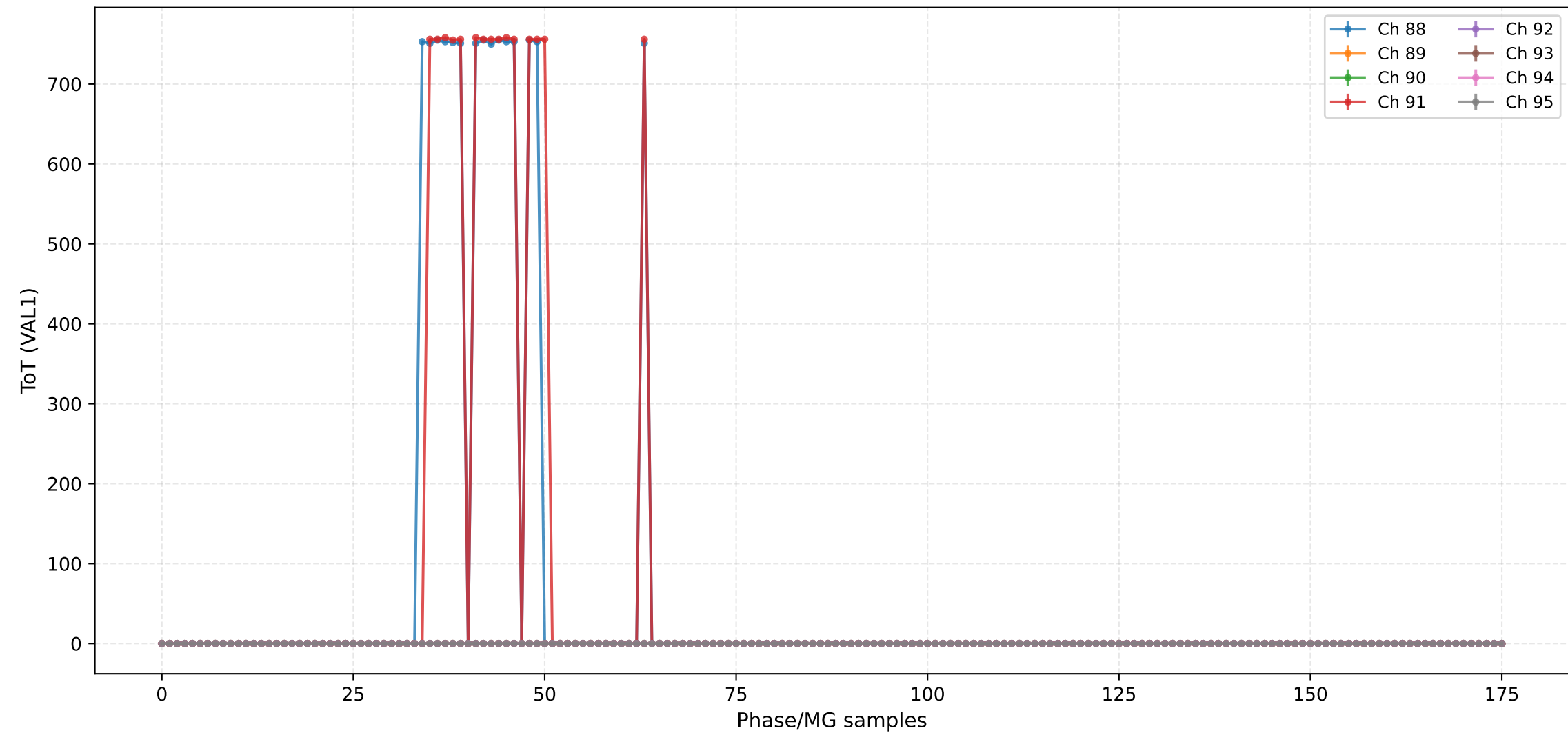
ToT (VAL1) - Channels 72 to 79



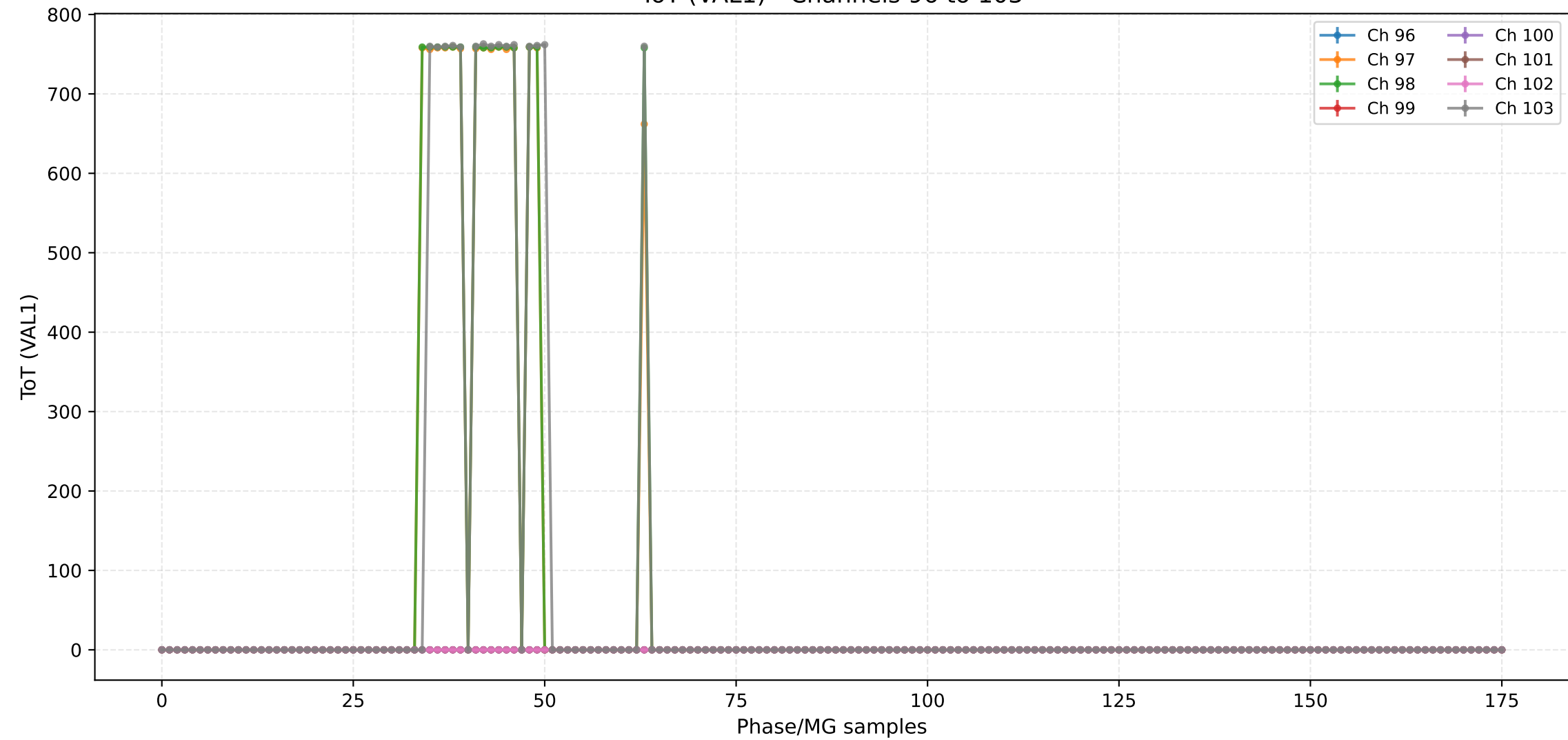
ToT (VAL1) - Channels 80 to 87



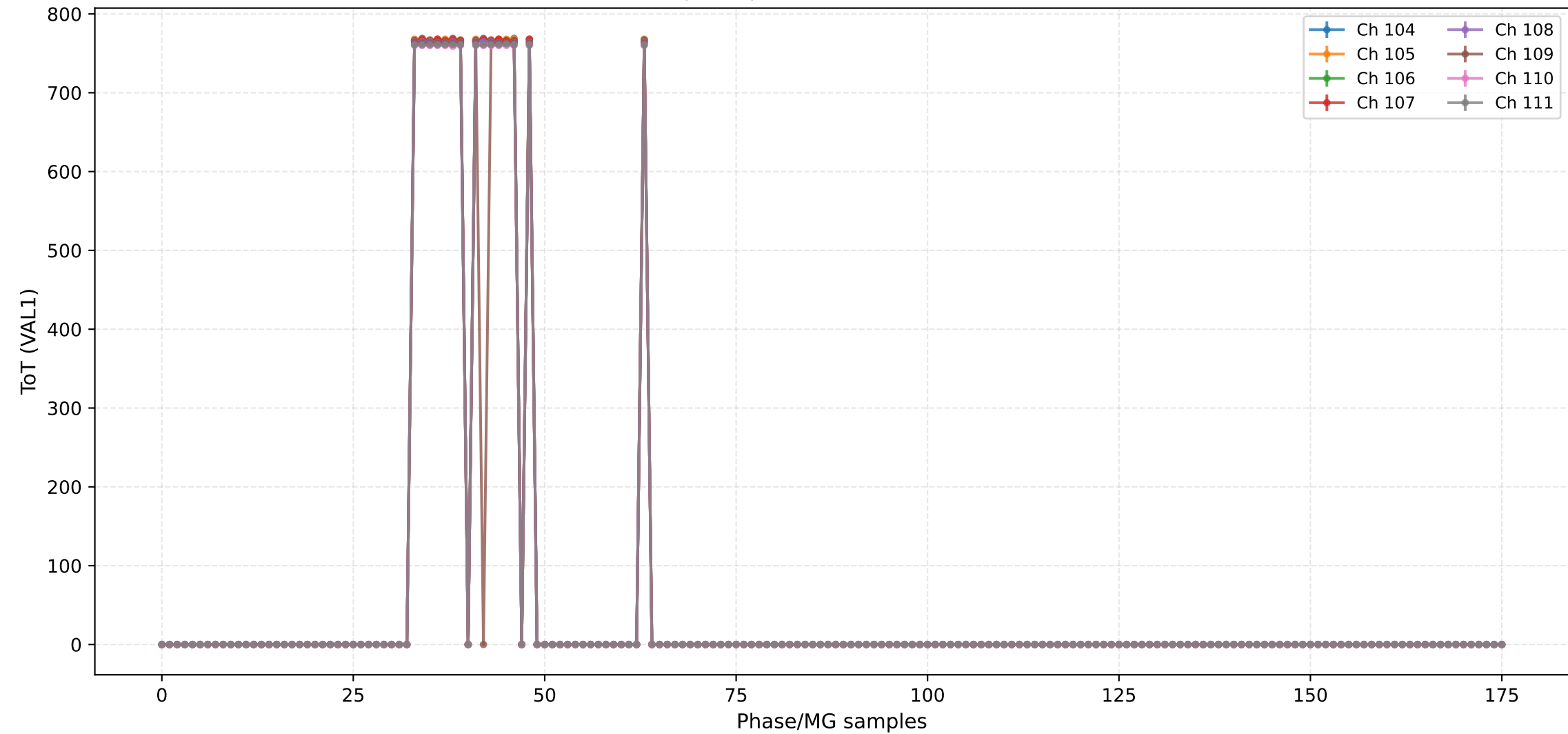
ToT (VAL1) - Channels 88 to 95



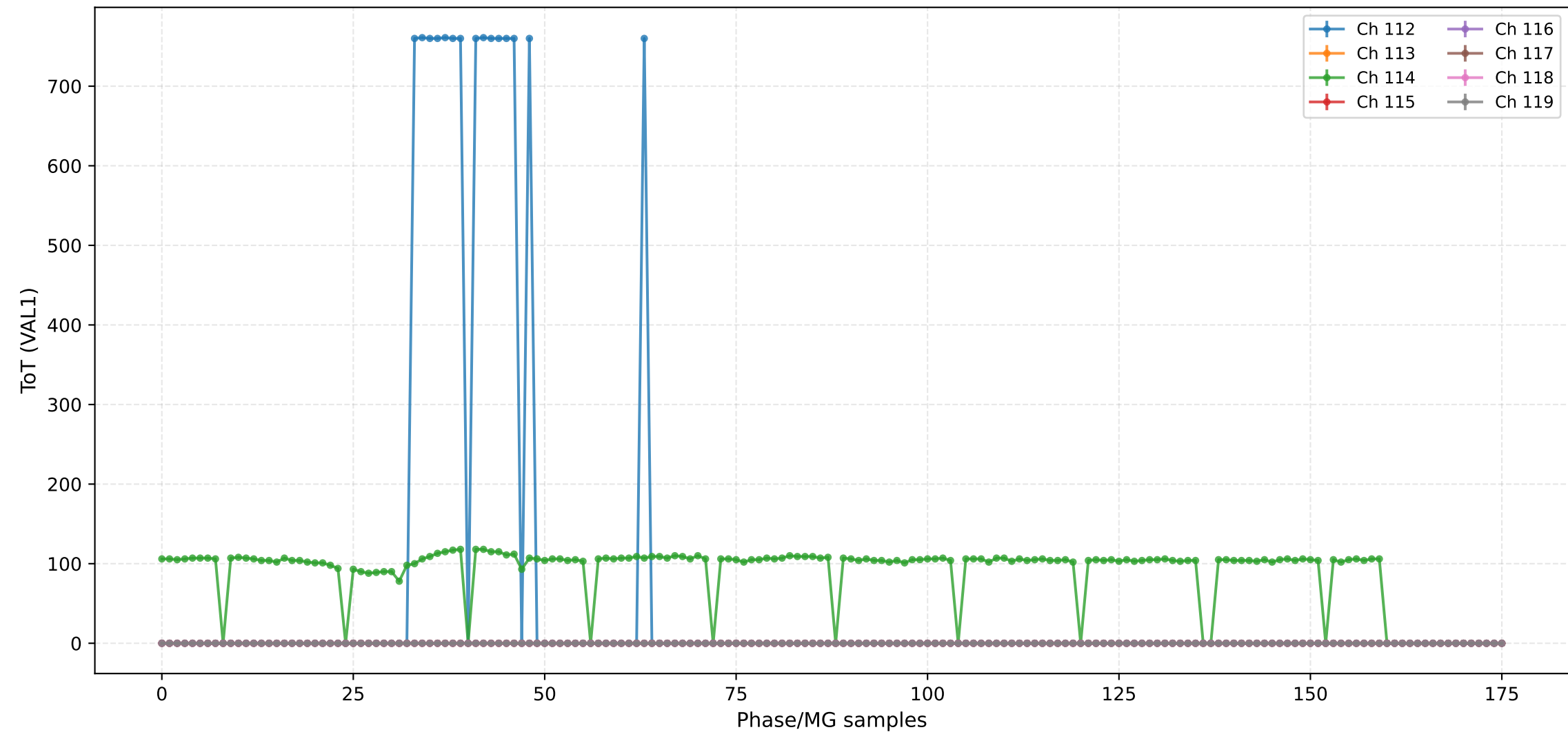
ToT (VAL1) - Channels 96 to 103



ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



ToT (VAL1) - Channels 120 to 127



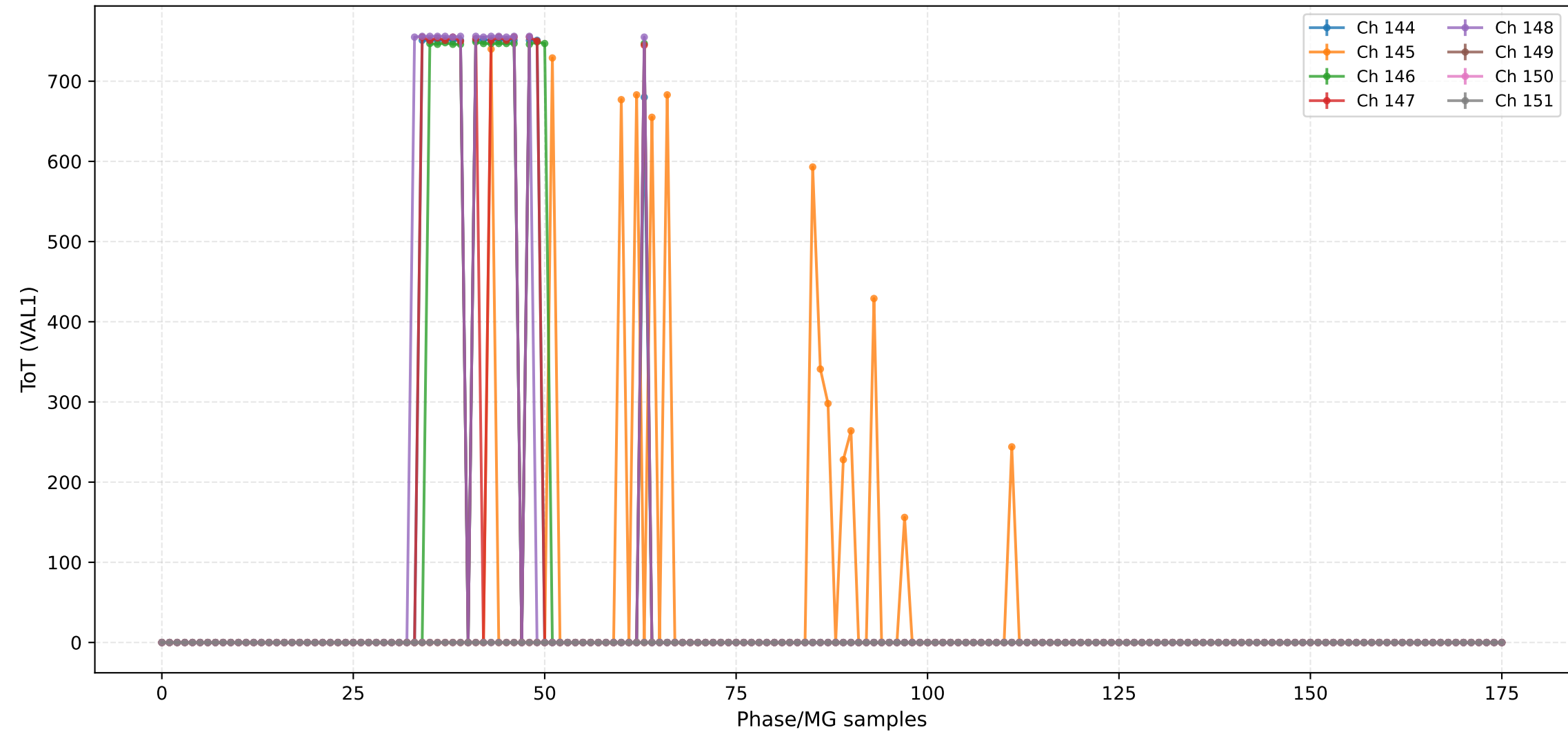
ToT (VAL1) - Channels 128 to 135



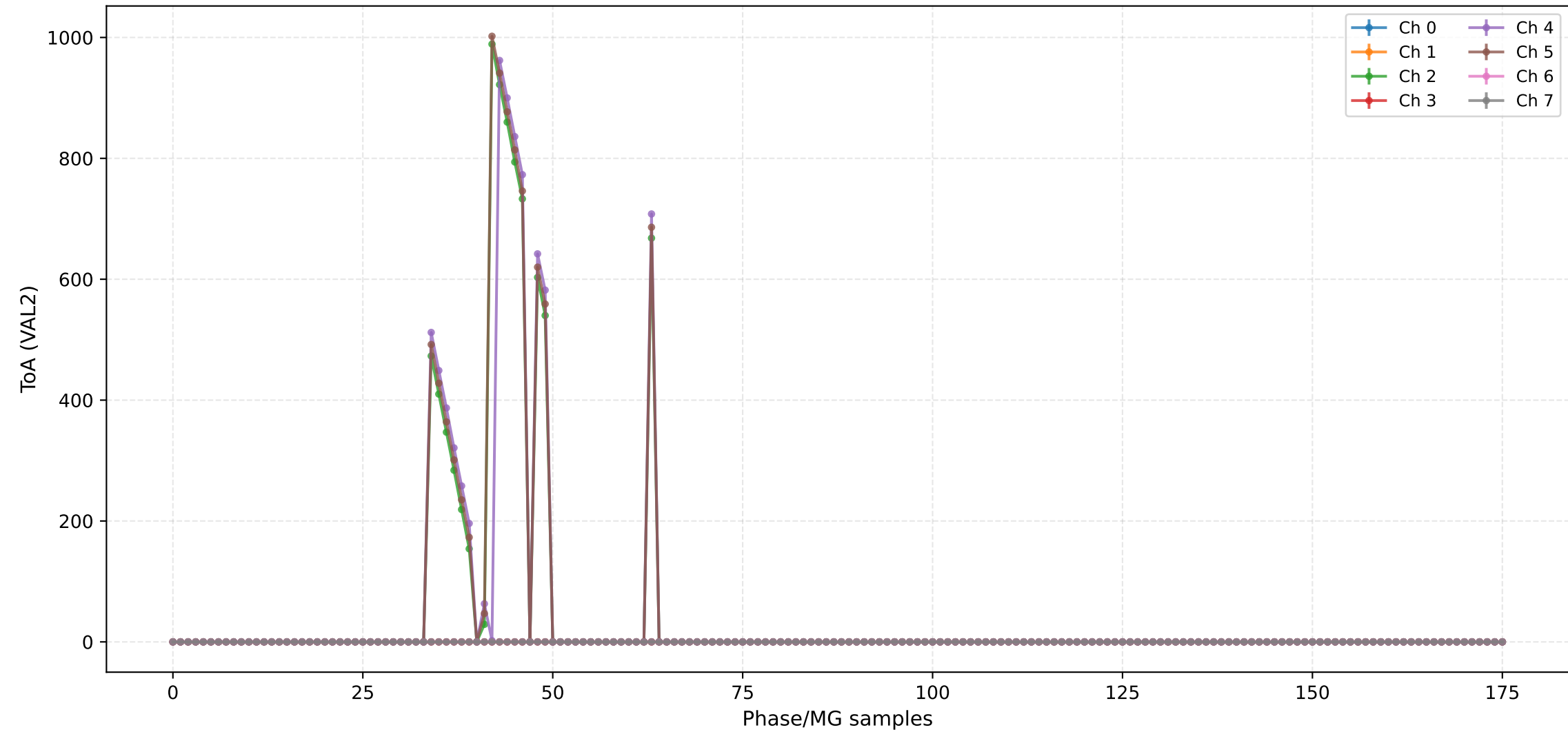
ToT (VAL1) - Channels 136 to 143



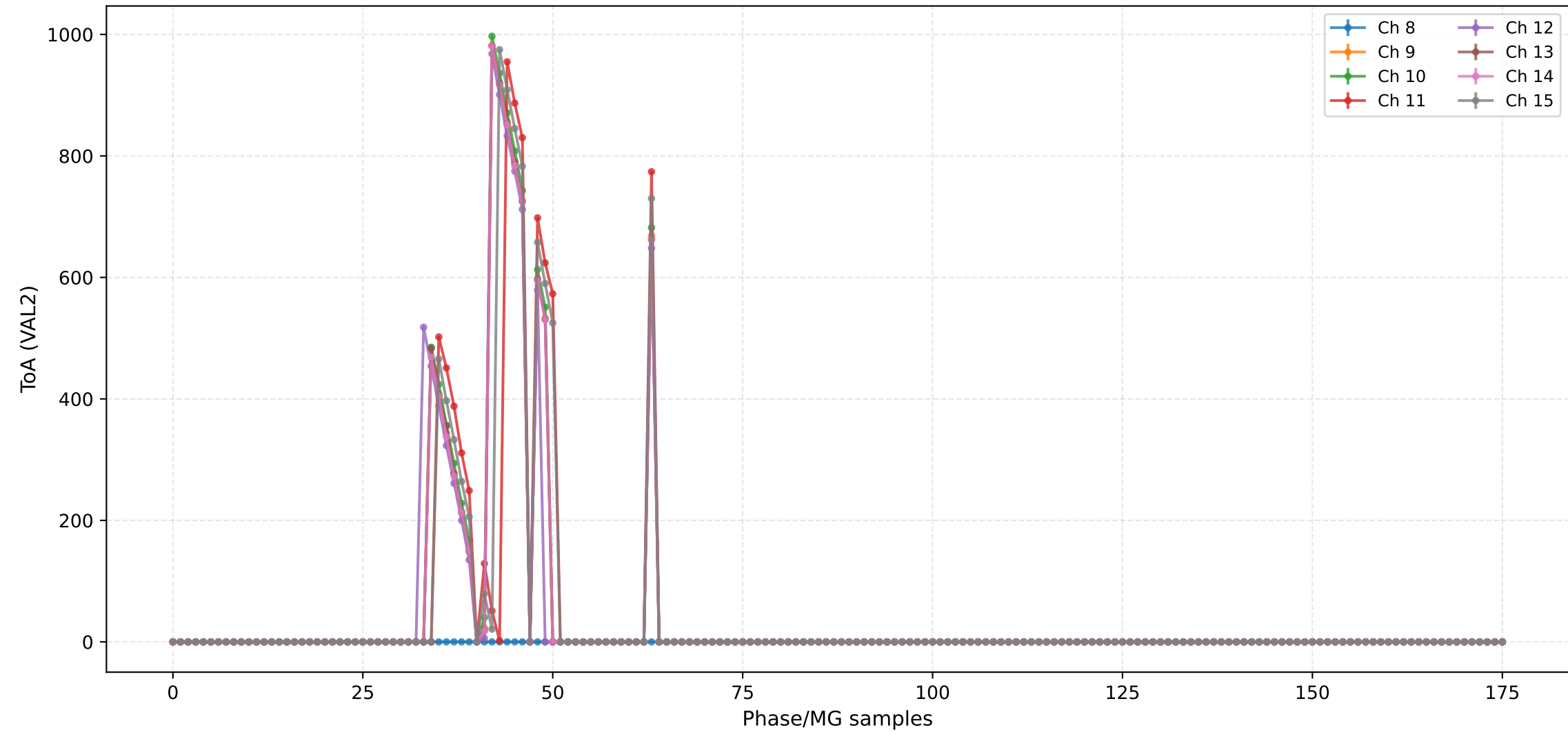
ToT (VAL1) - Channels 144 to 151



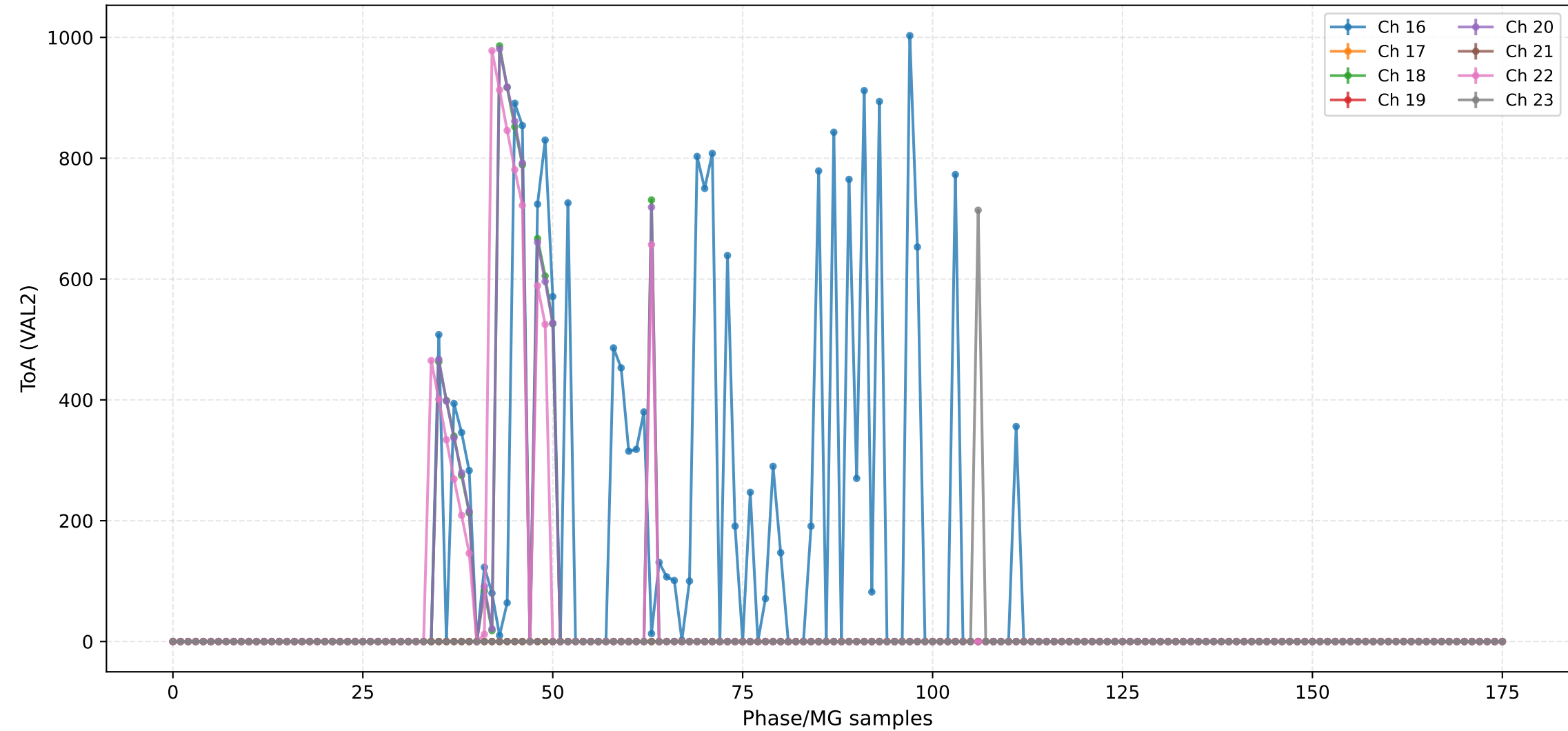
ToA (VAL2) - Channels 0 to 7



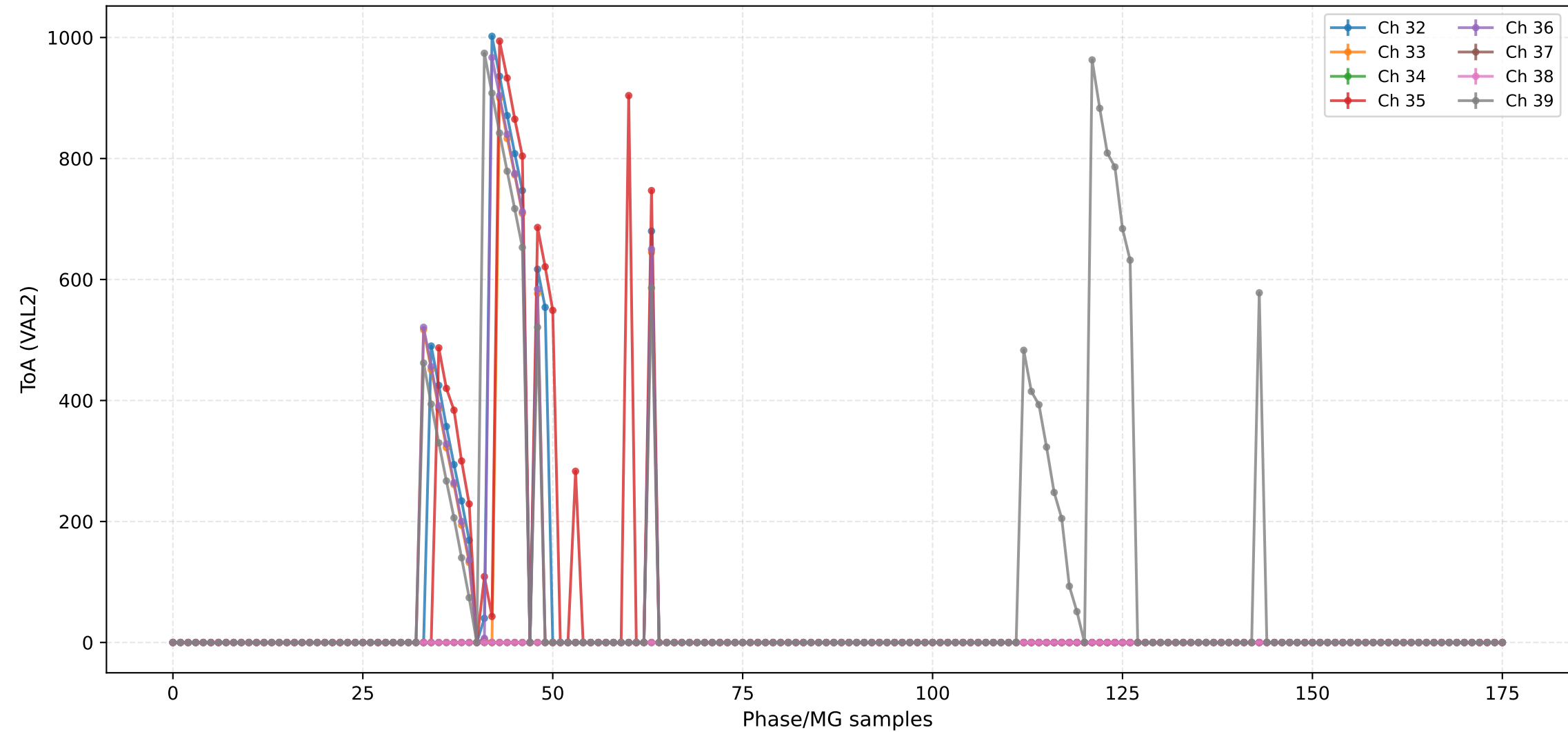
ToA (VAL2) - Channels 8 to 15



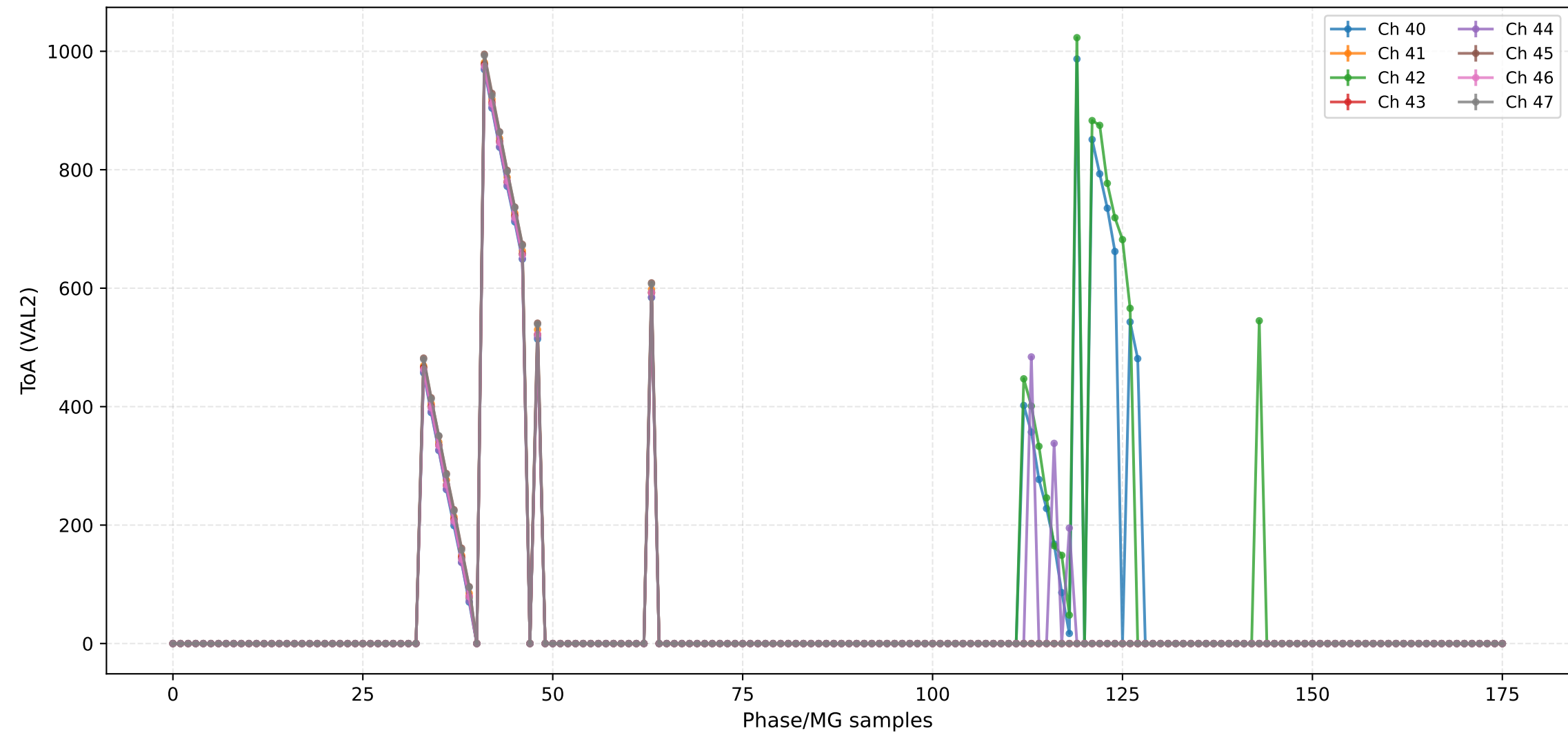
ToA (VAL2) - Channels 16 to 23



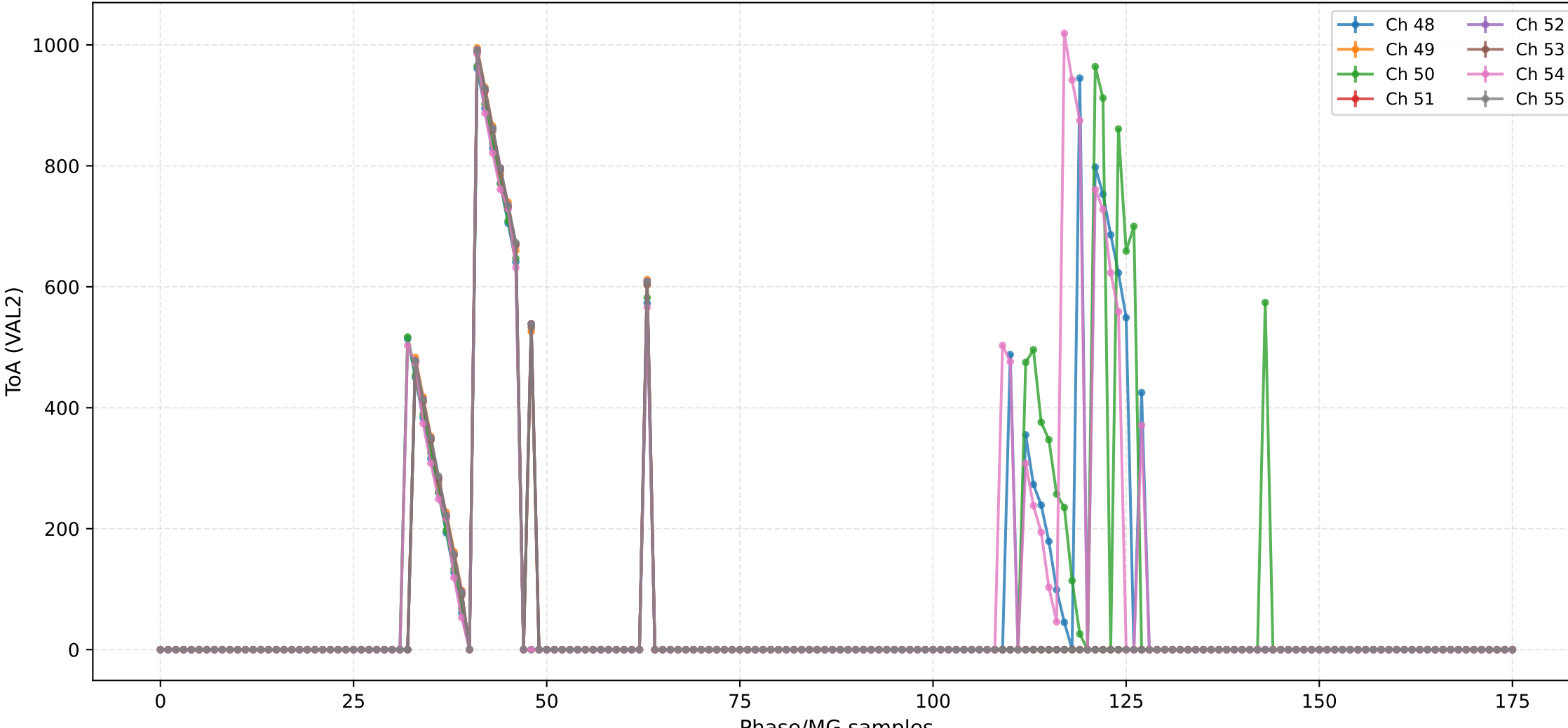
ToA (VAL2) - Channels 32 to 39



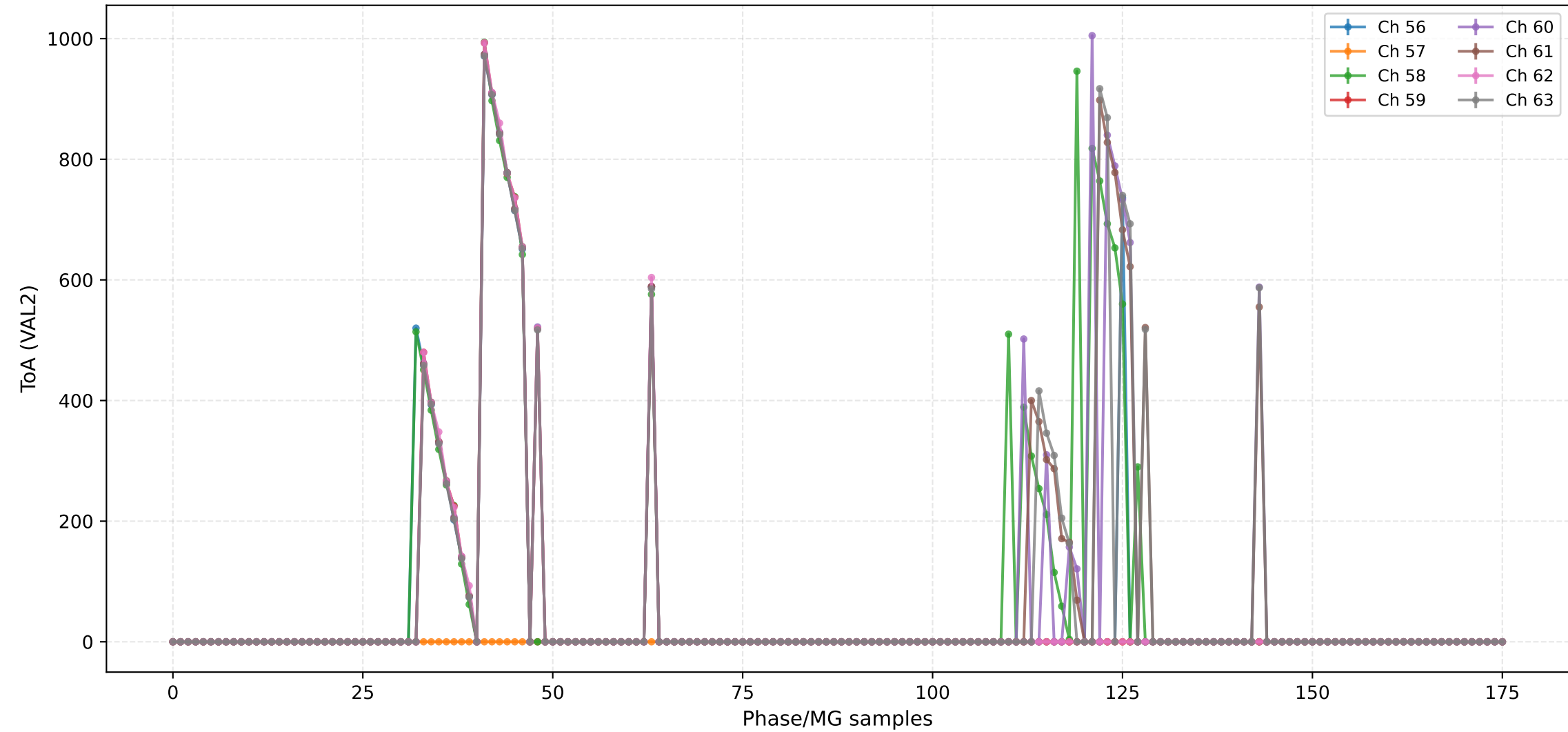
ToA (VAL2) - Channels 40 to 47



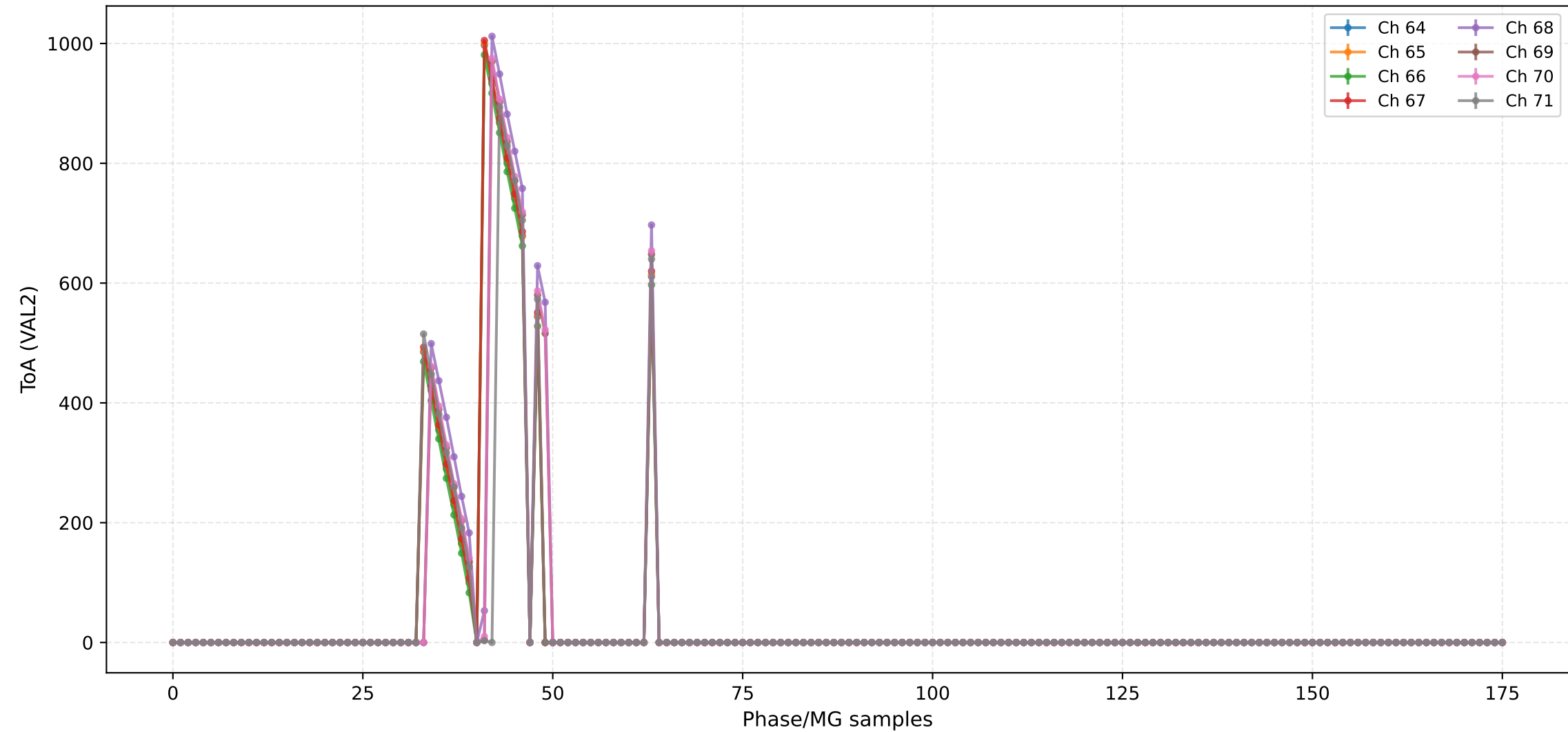
ToA (VAL2) - Channels 48 to 55



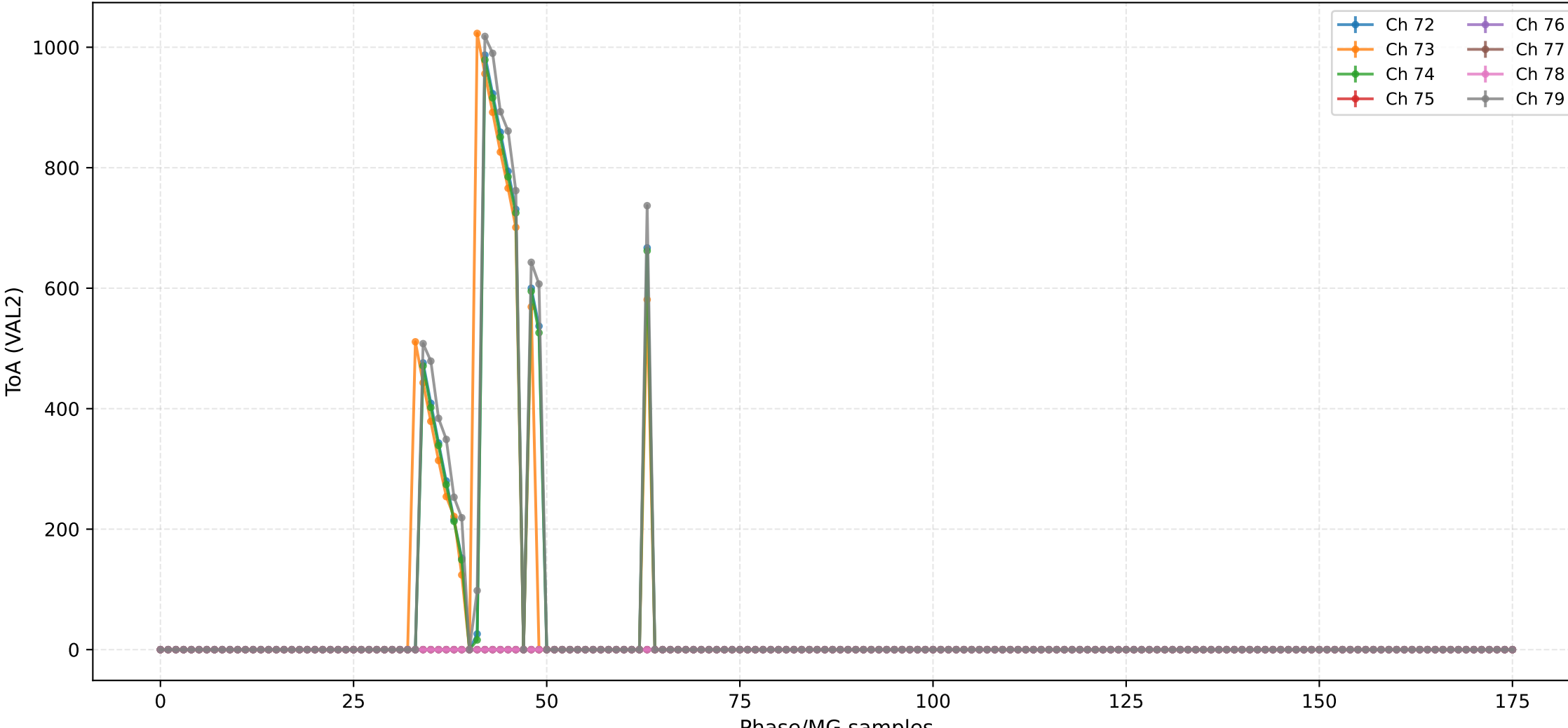
ToA (VAL2) - Channels 56 to 63



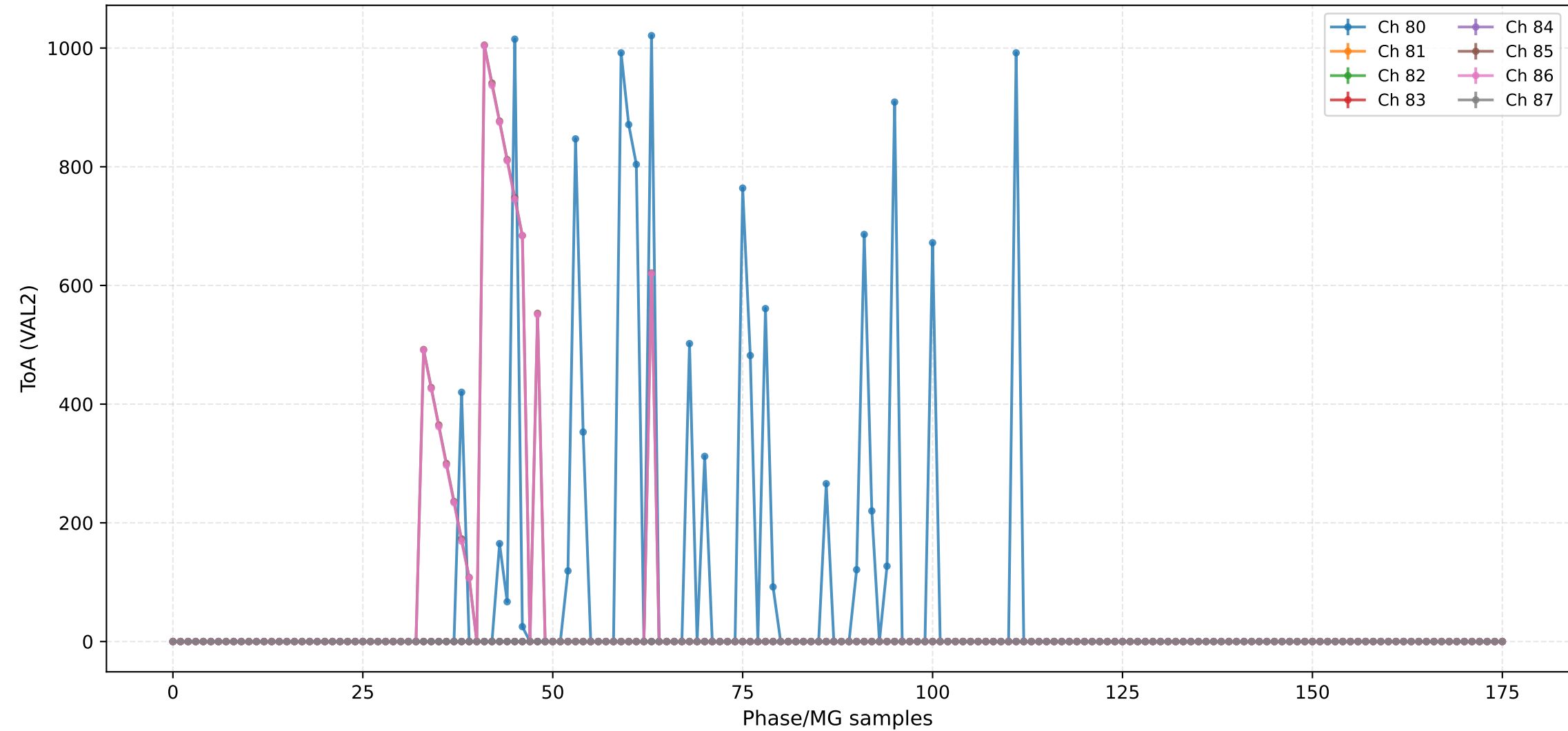
ToA (VAL2) - Channels 64 to 71



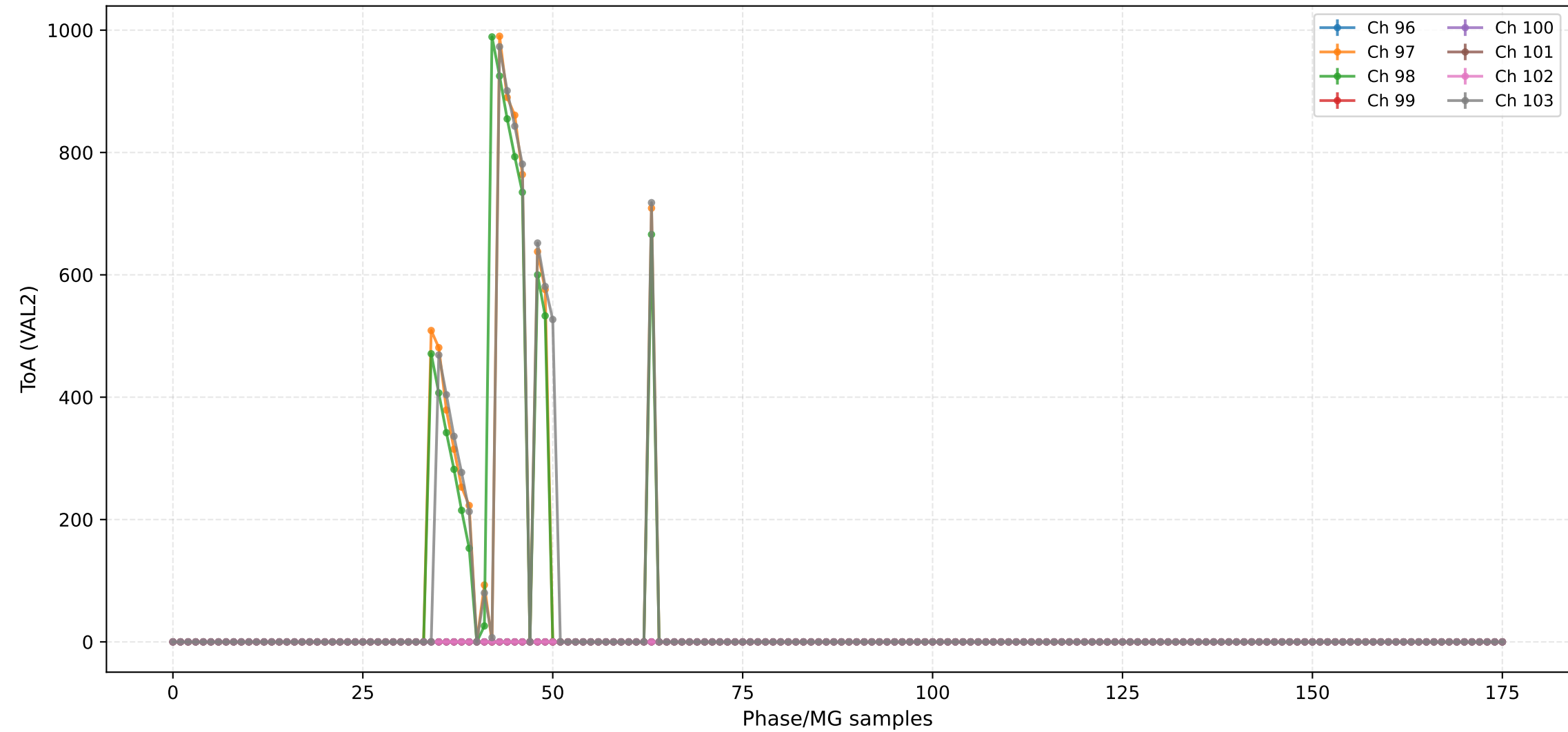
ToA (VAL2) - Channels 72 to 79



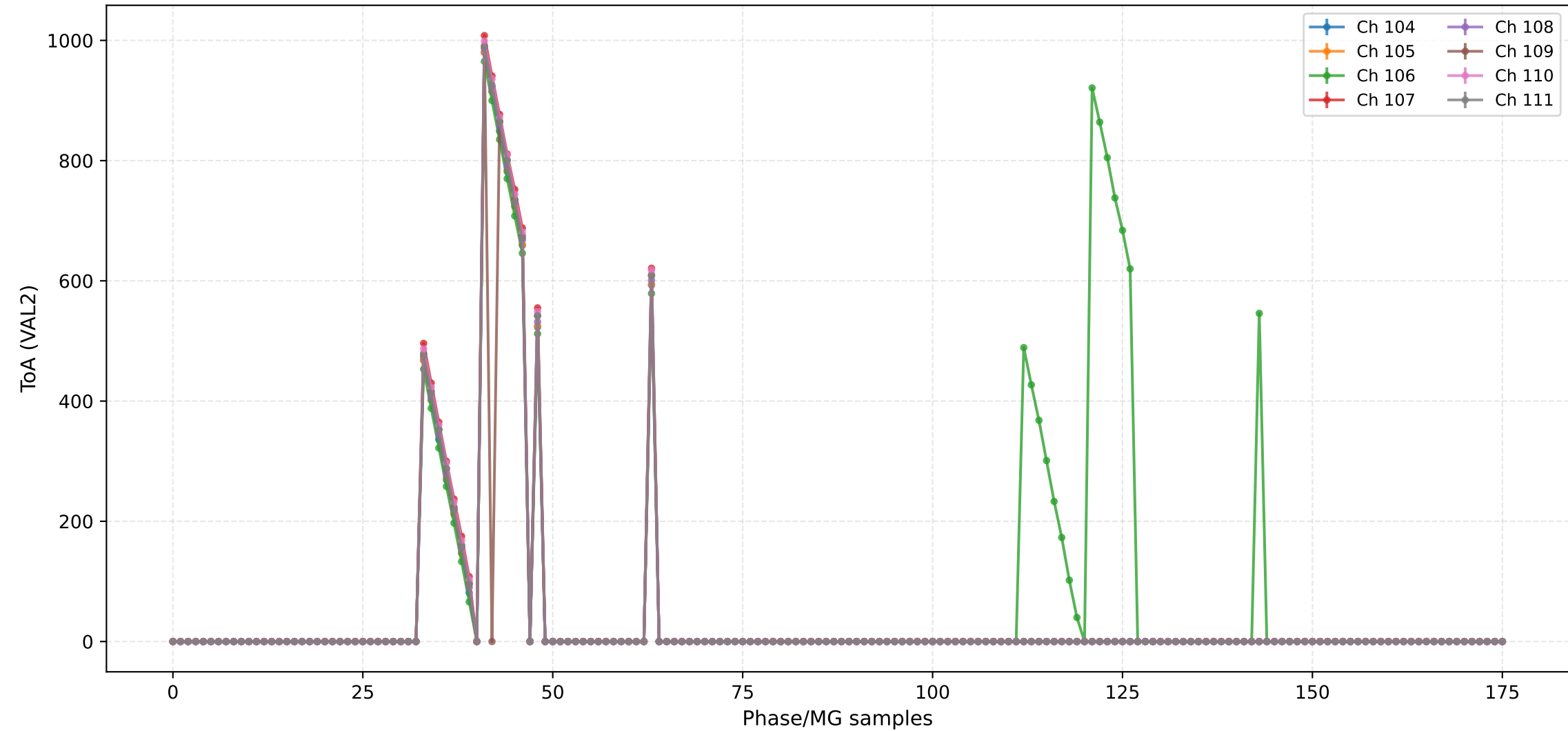
ToA (VAL2) - Channels 80 to 87



ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111



ToA (VAL2) - Channels 120 to 127



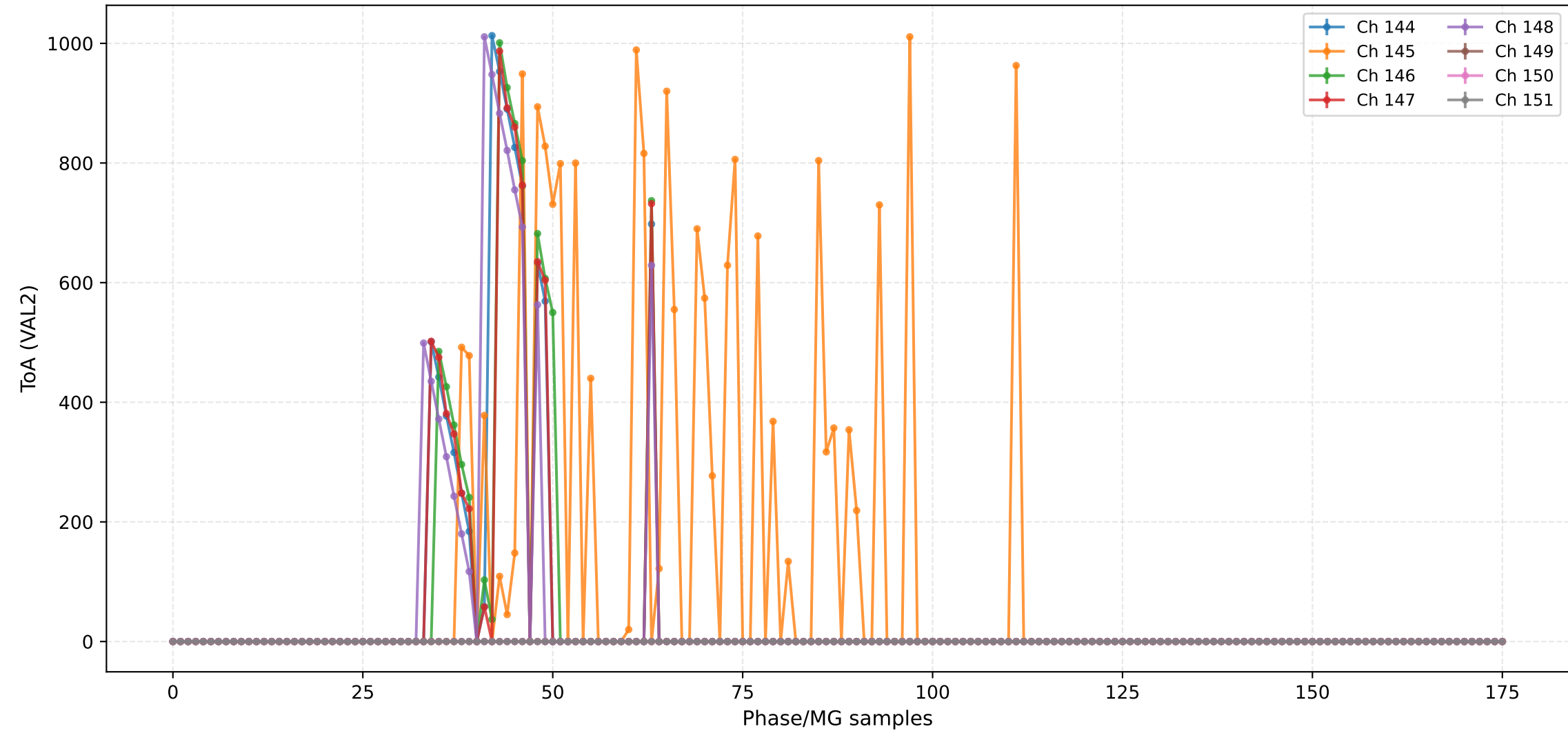
The figure displays a plot of the expectation value of the Pauli matrix σ_y versus time for six channels. The x-axis is labeled 'Time (10⁻¹⁰ s)' and ranges from 0 to 175. The y-axis is labeled 'Expectation value' and ranges from -0.5 to 0.5. The legend identifies the channels: Ch 128 (blue), Ch 129 (orange), Ch 130 (green), Ch 131 (red), Ch 128 (purple), and Ch 129 (brown). All channels show a constant expectation value of approximately 0.05 across the entire time range.



ToA (VAL2) - Channels 136 to 143



ToA (VAL2) - Channels 144 to 151



Injection Scan Results

Script: 205_Injection v1.0

Date: 2025-12-11 14:33:49

Configuration:

- Total ASICs: 2
- Injection DAC: 1700
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

Output Files:

- 205_Injection_asic2_injdac1700_mg10_pack2_chn76_val0.csv
- 205_Injection_asic2_injdac1700_mg10_pack2_chn76_val1.csv
- 205_Injection_asic2_injdac1700_mg10_pack2_chn76_val2.csv